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DSSSB PREVIOUS YEAR PAPER WITH ANSWER KEY

DSSSB PGT Chemistry (Male)

30 July 2018 · Shift 1

डीएसएसएसबी पीजीटी रसायन विज्ञान – 30 जुलाई 2018, शिफ्ट 1 का प्रश्न पत्र, उत्तर कुंजी सहित

300	180 min	1 / −0.25	EN + HI
Questions / प्रश्न	Duration / समय	Marks per Q / अंक	Language / भाषा

Sections: Mental Ability, General Awareness, Arithmetic Ability, General English, General Hindi, Subject Related

INSIDE THIS PDF / इस PDF में

Official Question Paper with Answer Key (English + Hindi) — Page 2–225
आधिकारिक प्रश्न पत्र, उत्तर कुंजी सहित (अंग्रेज़ी + हिंदी)

HOW TO USE THIS PAPER / इस पेपर का उपयोग कैसे करें

1. Attempt the paper first as a timed online mock test (link below).
   पहले नीचे दिए लिंक से इसे टाइमर के साथ ऑनलाइन मॉक टेस्ट के रूप में हल करें।
2. Check your score, section-wise analysis and solutions online.
   ऑनलाइन अपना स्कोर, खंड-वार विश्लेषण और हल देखें।
3. Use this PDF for revision. Correct answers are marked with a green tick.
   दोहराने के लिए इस PDF का उपयोग करें। सही उत्तर हरे टिक से चिह्नित हैं।

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इस पेपर को फ्री ऑनलाइन मॉक टेस्ट के रूप में हल करें – टाइमर, स्कोर और हल के साथ

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Question Paper Preview

Notations :

1.Options shown in green color and with ✔ icon are correct.

2.Options shown in red color and with ✖ icon are incorrect.

Question Paper Name:	PGT CHEMISTRY MALE 30th July 2018 Shift1
Subject Name:	PGT CHEMISTRY MALE
Creation Date:	2018-07-30 13:11:51
Duration:	180
Total Marks:	300
Display Marks:	Yes
Share Answer Key With Delivery Engine:	Yes
Actual Answer Key:	Yes
Calculator:	None
Magnifying Glass Required?:	No
Ruler Required?:	No
Eraser Required?:	No
Scratch Pad Required?:	No
Rough Sketch/Notepad Required?:	No
Protractor Required?:	No

Mental Ability

Group Number :	1
Group Id :	167943372
Group Maximum Duration :	0
Group Minimum Duration :	0
Revisit allowed for view? :	No
Revisit allowed for edit? :	No
Break time:	0
Group Marks:	20

Mental Ability

Section Id :	167943431
Section Number :	1
Section type :	Online
Mandatory or Optional:	Mandatory
Number of Questions:	20
Number of Questions to be attempted:	20
Section Marks:	20
Display Number Panel:	Yes
Group All Questions:	No

Sub-Section Number: 1

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Sub-Section Id: 167943739
Question Shuffling Allowed : Yes

Question Number : 1 Question Id : 16794311823 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical
Correct : 1 Wrong : 0.25

You are given a statement and two assumptions. Choose the comment about assumption from the given options below.

Statements:
The management of ABC Pvt. Ltd. asked the worker's union to call off strike immediately otherwise the management would be forced to close down the factory.

Assumptions:
I. No alternative other than closing down the factory is left for the management of ABC Pvt. Ltd.
II. Such threat may have some effect on the worker's union.

Options :

✗ Only assumption I is implicit

✓ Only assumption II is implicit

✗ Both assumptions I & II are implicit

✗ Neither assumption I nor II are implicit

Question Number : 1 Question Id : 16794311823 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical
Correct : 1 Wrong : 0.25

यहाँ एक **कथन** और दो **धारणाएं** दी गई हैं। नीचे दिए गए विकल्पों से धारणा के बारे में सही टिप्पणी चुनें:

कथन:

ABC प्राइवेट लिमिटेड के प्रबंधन ने श्रमिक संघ से तुरंत हड़ताल बंद करने के लिए कहा है अन्यथा प्रबंधन कारखाने को बंद करने के लिए मजबूर हो जाएगा।

धारणाएं:

I. कारखाने को बंद करने के अलावा कोई अन्य विकल्प ABC प्राइवेट लिमिटेड के प्रबंधन के लिए नहीं छोड़ा गया है।
II. इस तरह की धमकी से श्रमिक संघ पर कुछ प्रभाव हो सकता है।

Options :

✗ केवल धारणा I अंतर्निहित है

✓ केवल धारणा II अंतर्निहित है

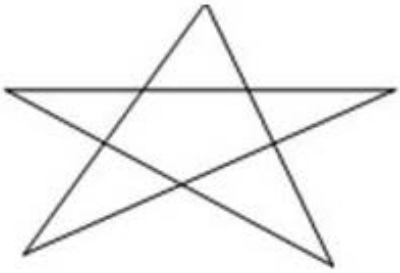
✗ दोनों धारणा I और II अंतर्निहित हैं

✗ न तो धारणा I न हीं धारणा II अंतर्निहित हैं

Question Number : 2 Question Id : 16794311824 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Find the number of triangles in the following figure:



Options :

✖ 6

✔ 10

✖ 11

✖ 12

Question Number : 2 Question Id : 16794311824 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

निम्नलिखित आकृति में त्रिकोणों की संख्या ज्ञात करें।

Options :

✖ 6

✔ 10

✖ 11

✖ 12

Question Number : 3 Question Id : 16794311825 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

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Lalitha walked from a point A straight to B at a distance of 80 metres. She turned right and walked 50 metres, then again turned right and walked 70 metres. Finally, she turned right and walked 50 metres. How far is she from the starting point?

Options :

✔ 10 metres

✖ 15 metres

✖ 20 metres

✖ 50 metres

Question Number : 3 Question Id : 16794311825 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

ललिता 80 मीटर की दूरी पर A बिंदु से सीधे B तक चली। उसके बाद वह दाएं मुड़ी और 50 मीटर चली, फिर से दाएं मुड़कर 70 मीटर तक चली। अंत में, वह दाएं मुड़ी और 50 मीटर चली। वह शुरुआती बिंदु से कितनी दूरी पर है?

Options :

✔ 10 मीटर

✖ 15 मीटर

✖ 20 मीटर

✖ 50 मीटर

Question Number : 4 Question Id : 16794311826 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

There are six children in a family, namely, L, M , N, O, P and Q. L and P are brothers. Q is the sister of P. N is the only son of L's uncle. M and O are the daughters of the brother of N's father.

How many female children in the family?

Options :

✖ 2

✔ 3

✖ 4

✖ 5

Question Number : 4 Question Id : 16794311826 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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Correct : 1 Wrong : 0.25

परिवार में छह बच्चे हैं, जिनका नाम L, M, N, O, P और Q जिनमें L और P भाई हैं। Q, P की बहन हैं। N, L के चाचा का इकलौता पुत्र है। M और O, N के पिता के भाई की बेटियां हैं।

परिवार में कितनी लड़कियां हैं?

Options :

✖ 2

✔ 3

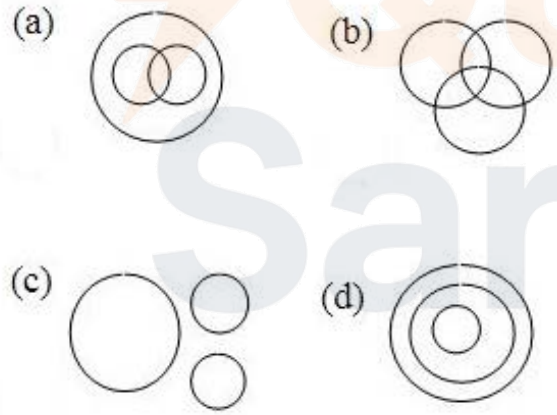
✖ 4

✖ 5

Question Number : 5 Question Id : 16794311827 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Which of the following figures represents Intelligence, Happy, Strong?



Options :

✖ a

✖ b

✔ c

✖ d

Question Number : 5 Question Id : 16794311827 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

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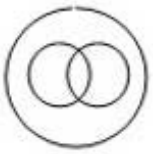
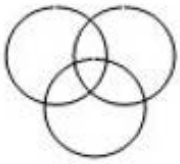
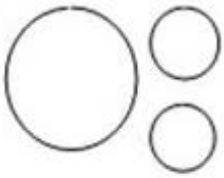
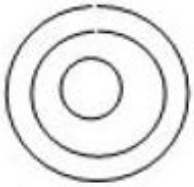
निम्नलिखित में से कौन सी आकृति बुद्धिमत्ता, खुश, शक्तिशाली का प्रतिनिधित्व करती है?

(a) 

(b) 

(c) 

(d) 

Options :

✖ a

✖ b

✔ c

✖ d

Question Number : 6 Question Id : 16794311828 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Choose the correct alternative for the following.

KhaaC : CahaK : : DreeG : _____

Options :

✖ Gered

✖ Geerd

✖ GreeD

✔ GereD

Question Number : 6 Question Id : 16794311828 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

निम्नलिखित के लिए सही विकल्प चुनें:

KhaaC : CahaK : : DreeG : _____

Options :

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✖ Gered

✖ Geerd

✖ GreeD

✔ GereD

Question Number : 7 Question Id : 16794311829 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

In the following question, there are two statements labeled as Assertion (A) and Reason (R).Choose the correct alternative.

Assertion (A): A person with blood group O is considered a universal recipient.
Reason (R): Type O blood does not contain any antigens.

Options :

✖ A is true but R is false

✔ A is false but R is true

✖ Both A and R are true and R is not the correct explanation of A

✖ Both A and R are false

Question Number : 7 Question Id : 16794311829 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

निम्नलिखित प्रश्न में, **अभिकथन (A)** और **कारण (R)** के रूप में लेबल किए गए दो कथन हैं। सही विकल्प का चुनाव करें।

अभिकथन (A):

रक्त समूह O वाले व्यक्ति को सार्वभौमिक प्राप्तकर्ता माना जाता है।

कारण (R):

टाइप O रक्त में कोई एंटीजन नहीं होता है।

Options :

✖ A सत्य है लेकिन R असत्य है

✔ A असत्य है लेकिन R सत्य है

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✖ A और R दोनों सत्य हैं और R, A की सही व्याख्या नहीं है

✖ A और R दोनों असत्य हैं

Question Number : 8 Question Id : 16794311830 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Arrange the given words in alphabetical order and choose the one that comes last?

Options :

✖ Devise

✖ Devotee

✔ Devour

✖ Develop

Question Number : 8 Question Id : 16794311830 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

दिए गए शब्दों को वर्णानुक्रम में व्यवस्थित करें और आखिर में आने वाले शब्द का चयन करें।

Options :

✖ Devise

✖ Devotee

✔ Devour

✖ Develop

Question Number : 9 Question Id : 16794311831 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Find the odd one from the following:

Options :

✖ Mango

✔ Cashew

✖ Apple

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✖ Orange

Question Number : 9 Question Id : 16794311831 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

निम्नलिखित में से विषम की खोज करें।

Options :

✖ आम

✔ काजू

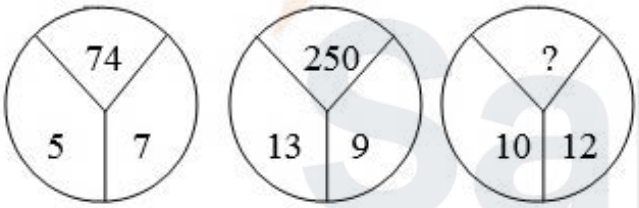
✖ सेब

✖ नारंगी

Question Number : 10 Question Id : 16794311832 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Find the missing number from the following.



Options :

✖ 120

✖ 224

✔ 244

✖ 256

Question Number : 10 Question Id : 16794311832 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

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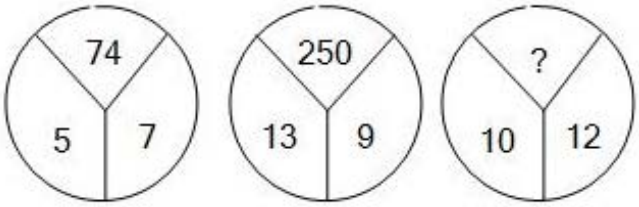
निम्न में '?' के स्थान पर कौन सी संख्या आएगी?



Options :

✖ 120

✖ 224

✔ 244

✖ 256

Question Number : 11 Question Id : 16794311833 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

'Enough', 'Excess' से जिस प्रकार संबंधित है उसी प्रकार 'Sufficiency', _____ से संबंधित है।

Options :

✔ Surplus

✖ Adequacy

✖ Sufficient

✖ Empty

Question Number : 11 Question Id : 16794311833 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

'Enough' is related to 'Excess' in the same way as 'Sufficiency' is related to _____.

Options :

✔ Surplus

✖ Adequacy

✖ Sufficient

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✖ Empty

Question Number : 12 Question Id : 16794311834 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

You are given two statements and two conclusions. Choose the comment about conclusion from the given options below.

Statements:
No businessman is poor.
All businessmen are rich.

Conclusions:
I. No poor man is rich.
II. No rich man is poor.

Options :

✖ Only conclusion I follows

✖ Only conclusion II follows

✖ Both conclusions I and II follow

✔ Neither conclusion I nor II follows

Question Number : 12 Question Id : 16794311834 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

यहाँ दो **कथन** और दो **निष्कर्ष** दिए गए हैं। नीचे दिए गए विकल्पों से निष्कर्ष के बारे में सही टिप्पणी चुनें जो कथन का अनुसरण करती है।

कथन:
कोई व्यवसायी गरीब नहीं है।
सभी व्यवसायी अमीर हैं।

निष्कर्ष:
I. कोई गरीब आदमी अमीर नहीं है।
II. कोई अमीर आदमी गरीब नहीं है।

Options :

✖ केवल निष्कर्ष I अनुसरण करता है

✖ केवल निष्कर्ष II अनुसरण करता है

✖ दोनों निष्कर्ष I और II अनुसरण करते हैं

✔ न तो निष्कर्ष I और न ही II अनुसरण करता है

Question Number : 13 Question Id : 16794311835 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Five students Ramya, Anu, Mala, Sunitha and Neela are sitting in a circle. Anu is sitting in between Ramya and Sunitha; to Neela's right Sunitha is seated, who is seated to Neela's left?

Options :

✖ Ramya

✔ Mala

✖ Anu

✖ Sunitha

Question Number : 13 Question Id : 16794311835 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

पांच छात्र रम्या, अनु, माला, सुनीता और नीला एक वृत्त में बैठे हैं। अनु, रम्या और सुनीता के बीच बैठा है; नीला के दाहिने ओर सुनीता बैठी है। नीला के बाईं ओर कौन बैठा है?

Options :

✖ रम्या

✔ माला

✖ अनु

✖ सुनीता

Question Number : 14 Question Id : 16794311836 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Find the correct alternative for the following.

25 : 49 : : 81 : _____

Options :

✖ 64

✔ 121

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✖ 169

✖ 100

Question Number : 14 Question Id : 16794311836 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

निम्नलिखित के लिए सही विकल्प खोजें।

25 : 49 : : 81 : _____

Options :

✖ 64

✔ 121

✖ 169

✖ 100

Question Number : 15 Question Id : 16794311837 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

When communicating information on an important company policy change, what sort of medium would you choose?

Options :

✖ Oral communication alone

✖ Written communication alone

✔ Oral communication followed by written communication

✖ Written communication followed by oral communication

Question Number : 15 Question Id : 16794311837 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

एक महत्वपूर्ण कंपनी नीति परिवर्तन पर जानकारी का संचार करते समय, आप किस प्रकार का माध्यम चुनेंगे?

Options :

✖ केवल मौखिक संचार

✖ केवल लिखित संचार

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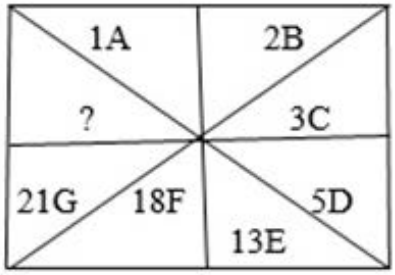
✔ मौखिक संचार के बाद लिखित संचार

✖ लिखित संचार के बाद मौखिक संचार

Question Number : 16 Question Id : 16794311838 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Find the missing character for the following.



Options :

✖ 46H

✖ 36H

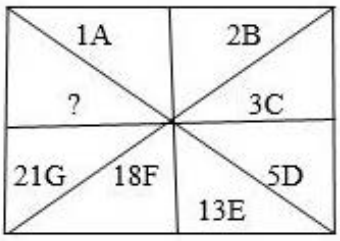
✖ 42H

✔ 39H

Question Number : 16 Question Id : 16794311838 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

निम्नलिखित में '?' के स्थान पर कौन सा पद आयेगा?



Options :

✖ 46H

✖ 36H

✖ 42H

✔ 39H

Question Number : 17 Question Id : 16794311839 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

If '<' means '×'; '>' means '÷'; '$' means '−' and '*' means '+', then what would be the value of 24 * 6 < 10 > 5 $ 10?

Options :

✖ 10

✖ 16

✖ 25

✔ 26

Question Number : 17 Question Id : 16794311839 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

यदि '<' का अर्थ है '×'; '>' का अर्थ है '÷'; '$' का अर्थ है '−' और '*' का अर्थ है '+', तो 24 * 6 < 10 > 5 $ 10 का मान क्या होगा?

Options :

✖ 10

✖ 16

✖ 25

✔ 26

Question Number : 18 Question Id : 16794311840 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

If you go north, turn right, then right again and then go to the left. In which direction are you going now?

Options :

✖ North

✖ South

✔ East

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✖ West

Question Number : 18 Question Id : 16794311840 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

यदि आप उत्तर की ओर जाते हैं, तो दाएं मुड़ें, फिर से दाएं मुड़ें और फिर बाईं ओर जाएं। अब आप किस दिशा में जा रहे हैं?

Options :

✖ उत्तर

✖ दक्षिण

✔ पूर्व

✖ पश्चिम

Question Number : 19 Question Id : 16794311841 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

A number (integer) is greater than 5 but less than 9. Also, it is greater than 7 but less than 10. The number is:

Options :

✖ 6

✖ 7

✔ 8

✖ 9

Question Number : 19 Question Id : 16794311841 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

एक संख्या (पूर्णांक) 5 से अधिक है लेकिन 9 से कम है। इसके अतिरिक्त, यह 7 से अधिक है लेकिन 10 से कम है। वह संख्या क्या होगी?

Options :

✖ 6

✖ 7

✔ 8

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✖ 9

Question Number : 20 Question Id : 16794311842 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

In a certain language, PEACOCK is coded as RGCEQEM, then in the same coding language, how the word REGULAR will be coded?

Options :

✖ TFIWNCT

✔ TGIWNCT

✖ TGIVNCT

✖ TGINWCT

Question Number : 20 Question Id : 16794311842 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

किसी भाषा में, PEACOCK को RGCEQEM लिखा जाता है, तो उसी भाषा में REGULAR को क्या लिखा जाएगा?

Options :

✖ TFIWNCT

✔ TGIWNCT

✖ TGIVNCT

✖ TGINWCT

General Awareness

Group Number :	2
Group Id :	167943373
Group Maximum Duration :	0
Group Minimum Duration :	0
Revisit allowed for view? :	No
Revisit allowed for edit? :	No
Break time:	0
Group Marks:	20

General Awareness

Section Id :	167943432
Section Number :	1

Section type :	Online
Mandatory or Optional:	Mandatory
Number of Questions:	20
Number of Questions to be attempted:	20
Section Marks:	20
Display Number Panel:	Yes
Group All Questions:	No

Sub-Section Number:	1
Sub-Section Id:	167943740
Question Shuffling Allowed :	Yes

Question Number : 21 Question Id : 16794311843 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Who among the following proposed the Vernacular Press Act in British India, in 1878, to curtail the freedom of the Indian-language (i.e., non-English) press?

Options :

✔ Lord Lytton

✖ Lord Ripon

✖ Lord Mayo

✖ Lord Dufferin

Question Number : 21 Question Id : 16794311843 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

निम्नलिखित में से किसने 1878 में भारतीय भाषा (अर्थात गैर-अंग्रेजी) प्रेस की आजादी को कम करने के लिए ब्रिटिश भारत में वर्नाकुलर प्रेस एक्ट का प्रस्ताव पारित कर दिया था?

Options :

✔ लॉर्ड लिटन

✖ लॉर्ड रिपन

✖ लॉर्ड मायो

✖ लॉर्ड डफ़रिन

Question Number : 22 Question Id : 16794311844 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Who was the adopted son of the last Peshwa, Baji Rao II?

Options :

✖ Bhau Sahib

✔ Nana Sahib

✖ Raghunath Rao

✖ Narayan Rao

Question Number : 22 Question Id : 16794311844 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

अंतिम पेशवा, बाजी राव द्वितीय द्वारा गोद लिये जाने वाले पुत्र कौन थे?

Options :

✖ भाउ साहिब

✔ नाना साहिब

✖ रघुनाथ राव

✖ नारायण राव

Question Number : 23 Question Id : 16794311845 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Who wrote the book 'Poverty and Un-British Rule in India'?

Options :

✔ Dadabhai Naoroji

✖ Subhash Chandra Bose

✖ Pandit Jawaharlal Nehru

✖ Bipin Chandra Pal

Question Number : 23 Question Id : 16794311845 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

'पोवर्टी एंड अन-ब्रिटिश रूल इन इंडिया' पुस्तक किसने लिखी थी?

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Options :

✔ दादाभाई नौरोजी

✖ सुभाष चंद्र बोस

✖ पंडित जवाहरलाल नेहरू

✖ बिपिन चंद्र पाल

Question Number : 24 Question Id : 16794311846 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Which of the following countries shares the longest land border with India?

Options :

✖ Pakistan

✖ Nepal

✔ Bangladesh

✖ Myanmar

Question Number : 24 Question Id : 16794311846 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

निम्नलिखित में से कौन सा देश भारत के साथ सबसे लंबी भूमि सीमा साझा करता है?

Options :

✖ पाकिस्तान

✖ नेपाल

✔ बांग्लादेश

✖ म्यांमार

Question Number : 25 Question Id : 16794311847 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

मध्य प्रदेश में किस नदी पर गांधी सागर बांध का निर्माण किया गया है?

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Options :

✖ नर्मदा

✔ चंबल

✖ रीवा

✖ बेतवा

Question Number : 25 Question Id : 16794311847 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

On which river in Madhya Pradesh is the Gandhi Sagar Dam built?

Options :

✖ Narmada

✔ Chambal

✖ Rewa

✖ Betwa

Question Number : 26 Question Id : 16794311848 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Under which article of the Constitution of India is the Lieutenant Governor of National Capital Territory (NCT) of Delhi appointed?

Options :

✔ Article 239

✖ Article 245

✖ Article 139

✖ Article 145

Question Number : 26 Question Id : 16794311848 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

भारत के संविधान के किस अनुच्छेद के तहत राष्ट्रीय राजधानी क्षेत्र दिल्ली (एनसीटी) के उप-राज्यपाल नियुक्त किए जाते हैं?

Options :

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✔ अनुच्छेद 239

✖ अनुच्छेद 245

✖ अनुच्छेद 139

✖ अनुच्छेद 145

Question Number : 27 Question Id : 16794311849 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

The Chief Election Commissioner and the two Election Commissioners draw salaries and allowances at par with those of the:

Options :

✖ Cabinet Secretary

✖ Governors of states

✔ Judges of the Supreme Court of India

✖ Speaker of Lok Sabha

Question Number : 27 Question Id : 16794311849 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

मुख्य निर्वाचन आयुक्त और दो निर्वाचन आयुक्त किसके अनुसार अपना वेतन और भत्ते प्राप्त करते हैं?

Options :

✖ कैबिनेट सचिव

✖ राज्यों के राज्यपाल

✔ भारत के सर्वोच्च न्यायालय के न्यायाधीश

✖ लोक सभा के अध्यक्ष

Question Number : 28 Question Id : 16794311850 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Who is a pro-tem speaker?

Options :

✗ The speaker of a state assembly who is appointed by the president of India

✗ The speaker of a hung state or central assembly

✗ The speaker of an assembly which is dissolved by the governor

✓ The temporary speaker who presides over the first meeting after the election

Question Number : 28 Question Id : 16794311850 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

अस्थायी अध्यक्ष (प्रो-टम स्पीकर) कौन होता है?

Options :

✗ एक राज्य विधानसभा के अध्यक्ष जो भारत के राष्ट्रपति द्वारा नियुक्त किए जाते हैं।

✗ त्रिशंकु अवस्था या केंद्रीय असेंबली के अध्यक्ष।

✗ उस विधानसभा का अध्यक्ष जिसे राज्यपाल द्वारा भंग किया जाता है।

✓ अस्थायी अध्यक्ष जो चुनाव के बाद पहली बैठक की अध्यक्षता करते हैं।

Question Number : 29 Question Id : 16794311851 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

If the exports of a country exceed its imports, the country is said to have a favourable:

Options :

✓ Balance of trade

✗ Balance of payment

✗ Trade deficit

✗ Invisible Trade

Question Number : 29 Question Id : 16794311851 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

यदि किसी देश का निर्यात इसके आयात से अधिक है, तो देश को किसके अनुकूल माना जाता है?

Options :

✔ व्यापार के संतुलन

✖ भुगतान के संतुलन

✖ व्यापार घाटे

✖ अदृश्य व्यापार

Question Number : 30 Question Id : 16794311852 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Which of the following became the first Indian company to breach $100 billion market capitalisation in April 2018?

Options :

✔ Tata Consultancy Services

✖ Reliance Industries Limited

✖ ArcelorMittal

✖ Infosys Limited

Question Number : 30 Question Id : 16794311852 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

अप्रैल 2018 में $100 बिलियन बाजारी पूंजीकरण का आँकड़ा पार करने वाली निम्नलिखित में से कौन सी पहली भारतीय कंपनी बन गई है?

Options :

✔ टाटा कंसल्टेंसी सर्विसेज

✖ रिलायंस इंडस्ट्रीज लिमिटेड

✖ आर्सेलर मित्तल

✖ इंफोसिस लिमिटेड

Question Number : 31 Question Id : 16794311853 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Which of the following monuments was built by Maharaja Sawai Pratap Singh in the year 1799?

Options :

✔ Hawa Mahal

✖ Victoria Memorial

✖ Mysore Palace

✖ Buland Darwaza

Question Number : 31 Question Id : 16794311853 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

1799 में महाराजा सवाई प्रताप सिंह ने निम्नलिखित में से कौन सा स्मारक बनाया था?

Options :

✔ हवा महल

✖ विक्टोरिया मेमोरियल

✖ मैसूर पैलेस

✖ बुलंद दरवाजा

Question Number : 32 Question Id : 16794311854 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Jasrota Paintings can be associated with which of the following states?

Options :

✔ Jammu and Kashmir

✖ Sikkim

✖ Gujarat

✖ Bihar

Question Number : 32 Question Id : 16794311854 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

जसरोटा चित्रकारी को निम्नलिखित में से किस राज्य से जोड़ा जा सकता है?

Options :

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✔ जम्मू व कश्मीर

✖ सिक्किम

✖ गुजरात

✖ बिहार

Question Number : 33 Question Id : 16794311855 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Which of the following is the most common folk dance of Rajasthan performed only by women during special occasions like weddings and festivals?

Options :

✔ Ghoomar

✖ KachchhiGhodi dance

✖ Povadas

✖ Bhavai dance

Question Number : 33 Question Id : 16794311855 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

निम्नलिखित में से कौन सा राजस्थान का सबसे आम लोक नृत्य केवल महिलाओं द्वारा विवाह और त्यौहार जैसे विशेष अवसरों के दौरान किया जाता है?

Options :

✔ घूमर

✖ कच्छी घोड़ी नृत्य

✖ पोवाडास

✖ भवाई नृत्य

Question Number : 34 Question Id : 16794311856 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Who among the following won gold in the vault event of FIG Artistic Gymnastics World Challenge Cup at Mersin, Turkey 2018?

Options :

✔ Dipa Karmakar

✖ Rifda Irfanaluthfi

✖ Goksu Uctas Sanli

✖ Bisheshwar Nandi

Question Number : 34 Question Id : 16794311856 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

तुर्की 2018 के मेर्सिन में आयोजित एफआईजी आर्टिस्टिक जिमनास्टिक वर्ल्ड चैलेंज कप के वॉल्ट इवेंट में स्वर्ण पदक किसने जीता है?

Options :

✔ दीपा करमाकर

✖ रिफडा इरफानलुथफी

✖ गोक्सु उक्तस सानली

✖ बिश्वेश्वर नंदी

Question Number : 35 Question Id : 16794311857 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

The 2020 ICC World Twenty20 Cricket tournament is scheduled to be organized in:

Options :

✖ India

✖ Bangladesh

✖ Canada

✔ Australia

Question Number : 35 Question Id : 16794311857 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

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2020 आईसीसी विश्व ट्वेंटी-20 क्रिकेट टूर्नामेंट _____ में आयोजित किया जाना निर्धारित है।

Options :

✗ भारत

✗ बांग्लादेश

✗ कनाडा

✓ ऑस्ट्रेलिया

Question Number : 36 Question Id : 16794311858 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Which rare gas is present in air, in the greatest amount, by volume?

Options :

✓ Argon

✗ Helium

✗ Radon

✗ Krypton

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Question Number : 36 Question Id : 16794311858 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

कौन सी दुर्लभ गैस वायु में सबसे अधिक मात्रा में मौजूद है?

Options :

✓ आर्गन

✗ हीलियम

✗ रेडॉन

✗ क्रिप्टन

Question Number : 37 Question Id : 16794311859 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Which of the following countries is NOT a member of the Shanghai Cooperation Organisation?

Options :

✖ Tajikistan

✔ Singapore

✖ Kyrgyzstan

✖ India

Question Number : 37 Question Id : 16794311859 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

निम्नलिखित में से कौन सा देश शंघाई सहयोग संगठन का सदस्य **नहीं** है?

Options :

✖ ताजीकिस्तान

✔ सिंगापुर

✖ किर्गिस्तान

✖ भारत

Question Number : 38 Question Id : 16794311860 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

When is World Blood Donor Day observed every year?

Options :

✖ 7^{th} April

✖ 30^{th} May

✔ 14^{th} June

✖ 1^{st} July

Question Number : 38 Question Id : 16794311860 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

विश्व रक्त दाता दिवस प्रत्येक वर्ष कब मनाया जाता है?

Options :

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✖ 7 अप्रैल

✖ 30 मई

✔ 14 जून

✖ 1 जुलाई

Question Number : 39 Question Id : 16794311861 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

The Government of India has approved green license plates for:

Options :

✖ Bicycles

✖ Boat taxis

✔ Electric vehicles

✖ CNG vehicles

Question Number : 39 Question Id : 16794311861 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

भारत सरकार ने ग्रीन लाइसेंस प्लेटों को किसके लिए मंजूरी दे दी है?

Options :

✖ साइकिलों

✖ नाव टैक्सी

✔ विद्युत वाहनों

✖ सीएनजी वाहनों

Question Number : 40 Question Id : 16794311862 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Who among the following holds the record of being the world's oldest elected leader?

Options :

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✖ Sabah Al-Ahmad Al-Jaber Al-Sabah of Kuwait

✖ Kim Yong-nam of South Korea

✖ Mohamed Beji Caid Essebsi of Tunisia

✔ Mahathir Mohammad of Malaysia

Question Number : 40 Question Id : 16794311862 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

निम्नलिखित में से किसके पास विश्व का सबसे वृद्ध निर्वाचित नेता होने का रिकॉर्ड है?

Options :

✖ कुवैत के सबा अल-अहमद अल-जबर अल-सबाह

✖ दक्षिण कोरिया के किम योंग-नाम

✖ ट्यूनीशिया के मोहम्मद बेजी कैद एस्सेबसी

✔ मलेशिया के महाथिर मोहम्मद

Arithmetic Ability

Group Number :	3
Group Id :	167943374
Group Maximum Duration :	0
Group Minimum Duration :	0
Revisit allowed for view? :	No
Revisit allowed for edit? :	No
Break time:	0
Group Marks:	20

Arithmetic Ability

Section Id :	167943433
Section Number :	1
Section type :	Online
Mandatory or Optional:	Mandatory
Number of Questions:	17
Number of Questions to be attempted:	17
Section Marks:	20
Display Number Panel:	Yes
Group All Questions:	No

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Sub-Section Number: 1
Sub-Section Id: 167943741
Question Shuffling Allowed : Yes

Question Number : 41 Question Id : 16794311863 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical
Correct : 1 Wrong : 0.25

The value of $\frac{(0.012)^3+0.000000512}{(0.012)^2-0.000096+0.000064}$ is:

Options :

✖ 0.002

✔ 0.02

✖ 0.022

✖ 0.20

Question Number : 41 Question Id : 16794311863 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical
Correct : 1 Wrong : 0.25

$\frac{(0.012)^3+0.000000512}{(0.012)^2-0.000096+0.000064}$ का मूल्य _____ है।

Options :

✖ 0.002

✔ 0.02

✖ 0.022

✖ 0.20

Question Number : 42 Question Id : 16794311864 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical
Correct : 1 Wrong : 0.25

$2.2\overline{54}+1.\overline{38}-1.\overline{86}$ is equal to:

Options :

✖ $1.\overline{72}$

✖ $1.6\overline{68}$

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✔ $1.7\overline{69}$

✖ $1.1\overline{96}$

Question Number : 42 Question Id : 16794311864 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

$2.2\overline{54} + 1.\overline{38} - 1.\overline{86}$, _____ के समान होता है।

Options :

✖ $1.\overline{72}$

✖ $1.6\overline{68}$

✔ $1.7\overline{69}$

✖ $1.1\overline{96}$

Question Number : 43 Question Id : 16794311865 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

If $x = 24^{22} - 23^{81} - 27^{10}$, then what is the digit at unit's place of x ?

Options :

✖ 3

✔ 4

✖ 5

✖ 6

Question Number : 43 Question Id : 16794311865 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

यदि $x = 24^{22} - 23^{81} - 27^{10}$, x की इकाई के स्थान पर कौन सा अंक आयेगा?

Options :

✖ 3

✔ 4

✖ 5

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✖ 6

Question Number : 44 Question Id : 16794311866 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

$3\frac{1}{2}+\frac{1}{2}\div\frac{1}{2}of\frac{1}{4}-\frac{2}{5}\times\frac{7}{3}\div\frac{15}{8}of\left(1\frac{2}{5}-1\frac{1}{3}\right)$ is equal to:

Options :

✖ $4\frac{1}{30}$

✖ $3\frac{1}{30}$

✖ $2\frac{1}{30}$

✔ $\frac{1}{30}$

Question Number : 44 Question Id : 16794311866 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

$3\frac{1}{2}+\frac{1}{2}\div\frac{1}{2}of\frac{1}{4}-\frac{2}{5}\times\frac{7}{3}\div\frac{15}{8}of\left(1\frac{2}{5}-1\frac{1}{3}\right)$, _____ के समान होता है।

Options :

✖ $4\frac{1}{30}$

✖ $3\frac{1}{30}$

✖ $2\frac{1}{30}$

✔ $\frac{1}{30}$

Question Number : 45 Question Id : 16794311867 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

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A cake weight 2 kg. If $\frac{4}{7}$ of its weight is flour, $\frac{1}{8}$ of its weight is sugar, $\frac{3}{14}$ of its weight is milk and the rest is nuts and plums, what is the weight of nuts and plums in the cake?

Options :

✔ $\frac{5}{28}$ kg

✖ $\frac{9}{28}$ kg

✖ $\frac{3}{14}$ kg

✖ $\frac{4}{7}$ kg

Question Number : 45 Question Id : 16794311867 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

एक केक 2 kg वज़न का है। यदि उसके वज़न का $\frac{4}{7}$ भाग मैदा है, $\frac{1}{8}$ भाग, चीनी है, $\frac{3}{14}$ भाग दूध है तथा शेष बादाम एवं प्लम है, तो केक में बादाम और प्लम का वज़न क्या होगा?

Options :

✔ $\frac{5}{28}$ kg

✖ $\frac{9}{28}$ kg

✖ $\frac{3}{14}$ kg

✖ $\frac{4}{7}$ kg

Question Number : 46 Question Id : 16794311868 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

The HCF of two numbers is 15 and their product is 18,900. How many such pairs of numbers are possible?

Options :

✖ 1

✖ 2

✔ 4

✖ 6

Question Number : 46 Question Id : 16794311868 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

दो नंबरों का महत्तम समापवर्तक (HCF) 15 है तथा उनका उत्पाद 18,900 है। इस प्रकार के नंबर के कितने जोड़े संभव हैं?

Options :

✖ 1

✖ 2

✔ 4

✖ 6

Question Number : 47 Question Id : 16794311869 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

The LCM of two numbers is 341. What is their HCF?

Options :

✔ 1

✖ 11

✖ 31

✖ Cannot be determined

Question Number : 47 Question Id : 16794311869 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

दो नंबरों का लघुत्तम समापवर्त्य (LCM) 341 है। उनका महत्तम समापवर्तक (HCF) क्या है?

Options :

✔ 1

✖ 11

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✖ 31

✖ निर्धारित नहीं किया जा सकता है

Question Number : 48 Question Id : 16794311870 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

यदि $\frac{1}{a}:\frac{1}{b}=2:3$ एवं $\frac{1}{b}:\frac{1}{c}=5:6$, तो $a:b:c$ क्या होगा?

Options :

✖ 5 : 6 : 9

✖ 6 : 5 : 9

✖ 9 : 5 : 6

✔ 9 : 6 : 5

Question Number : 48 Question Id : 16794311870 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

If $\frac{1}{a}:\frac{1}{b}=2:3$ and $\frac{1}{b}:\frac{1}{c}=5:6$, what is $a:b:c$?

Options :

✖ 5 : 6 : 9

✖ 6 : 5 : 9

✖ 9 : 5 : 6

✔ 9 : 6 : 5

Question Number : 49 Question Id : 16794311871 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

By selling 20 articles, a person gains an amount equal to the cost price of 4 articles. What is his gain percent?

Options :

✖ $\frac{50}{3}\%$

✖ 16%

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✔ 20%

✖ 25%

Question Number : 49 Question Id : 16794311871 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

20 वस्तुओं की बिक्री पर एक व्यक्ति को 4 वस्तुओं की बिक्री के समान लागत मूल्य का लाभ प्राप्त होता है। उसके लाभ का प्रतिशत क्या है?

Options :

✖ $\frac{50}{3}\%$

✖ 16%

✔ 20%

✖ 25%

Question Number : 50 Question Id : 16794311872 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

A dealer allows a discount of 25% and still gains 25%. If the cost price of the article is ₹ 540, what is it marked price?

Options :

✖ ₹ 824

✖ ₹ 840

✖ ₹ 860

✔ ₹ 900

Question Number : 50 Question Id : 16794311872 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

एक डीलर, 25% का छूट प्रदान करता है और फिर भी उसे 25% का लाभ प्राप्त होता है। यदि वस्तु का लागत मूल्य ₹ 540 है, तो उसका चिन्हित लागत क्या होगा?

Options :

✖ ₹ 824

✖ ₹ 840

✖ ₹ 860

✔ ₹ 900

Question Number : 51 Question Id : 16794311873 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

A person deposits ₹ 6,400 in a bank. After 6 months, he again deposits the same amount. If bank pays 8% interest compounded half yearly, how much interest he will get after 12 months of first deposit?

Options :

✔ ₹ 778.24

✖ ₹ 537.84

✖ ₹ 740.64

✖ ₹ 545.38

Question Number : 51 Question Id : 16794311873 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

एक व्यक्ति बैंक में ₹ 6,400 की राशि जमा करता है। 6 महीनों के बाद वह फिर से उतनी ही राशि जमा करता है। यदि बैंक द्वारा 8% अर्द्धवार्षिक रूप से संयोजित ब्याज का भुगतान किया जाए तो पहली जमा के 12 महीनों के बाद उसे ब्याज की कितनी राशि प्राप्त होगी?

Options :

✔ ₹ 778.24

✖ ₹ 537.84

✖ ₹ 740.64

✖ ₹ 545.38

Question Number : 52 Question Id : 16794311874 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

The radius of a base of a cylinder is increased by 100% and its height is increased by 200%. What is percent increase in the curve (lateral) surface area?

Options :

✖ 300%

✖ 400%

✔ 500%

✖ 600%

Question Number : 52 Question Id : 16794311874 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

सिलेंडर की निचली सतह के रेडियस में 100% बढ़ोत्तरी की जाती है तथा उसकी ऊँचाई में 200% की बढ़ोत्तरी की जाती है। उसके वक्र (5 पार्श्वीय-लेटरल) सतह क्षेत्र में कितनी प्रतिशत बढ़ोत्तरी होगी?

Options :

✖ 300%

✖ 400%

✔ 500%

✖ 600%

Question Number : 53 Question Id : 16794311875 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

A and B take round of a circular path of 50 m, in the same direction, starting from a point P. When B reaches the starting point P the first time, he meets A there the fourth time. What is the ratio of speeds of A and B?

Options :

✔ 5 : 1

✖ 4 : 1

✖ 3 : 1

✖ 2 : 1

Question Number : 53 Question Id : 16794311875 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

A और B 50 m के गोलाकार मार्ग, में एक ही दिशा में शुरुआती बिंदु P से चलना शुरू करते हैं। जब B, पहली बार शुरुआती बिंदु P पर पहुँचता है, तो उसकी मुलाकात A से होती है जो यहाँ चौथी बार पहुँचा है। A और B की गति का अनुपात क्या है?

Options :

✔ 5 : 1

✖ 4 : 1

✖ 3 : 1

✖ 2 : 1

Question Number : 54 Question Id : 16794311876 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

A can complete certain work in 20 days and B can complete the same work in 30 days. If both started the work together, but A left 10 days before the work was completed, in how many days the work would now be completed?

Options :

✖ 12 day

✖ 15 day

✖ 16 day

✔ 18 day

Question Number : 54 Question Id : 16794311876 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

A किसी कार्य को 20 दिन में पूरा कर सकता है तथा B उसी कार्य को 30 दिन में पूरा कर सकता है। यदि दोनों ने एक साथ काम शुरू किया परंतु काम पूरा होने के 10 दिन पहले A काम छोड़कर चला गया, तो ऐसी स्थिति में काम कितने दिनों में पूरा किया जा सकता है?

Options :

✖ 12 दिन

✖ 15 दिन

✖ 16 दिन

✔ 18 दिन

Sub-Section Number:	2
Sub-Section Id:	167943742
Question Shuffling Allowed :	Yes

Question Id : 16794311877 Question Type : COMPREHENSION Sub Question Shuffling Allowed : Yes Group Comprehension Questions : No

Question Numbers : (55 to 56)

Question Label : Comprehension

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Study the following table regarding the distribution of students in five colleges percentage wise. All five colleges offer only three disciplines.

College	Discipline			
	Humanities	Commerce	Science	Total Students
A	25%	35%	--	1400
B	20%	--	40%	--
C	15%	30%	--	1800
D	28%	32%	40%	2300
E	20%	--	35%	3240

Sub questions

Question Number : 55 Question Id : 16794311878 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

If the number of students in Commerce stream in college B is 800, how many students are in all colleges?

Options :

✖ 1,800

✖ 1,900

✔ 2,000

✖ 2,200

Question Number : 56 Question Id : 16794311879 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Total students of Humanities in all 5 colleges together is what percent of total students in all colleges, correct to one decimal place?

Options :

✖ 19.8%

✔ 21.5%

✖ 22.6%

✖ 24.8%

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Question Id : 16794311877 Question Type : COMPREHENSION Sub Question Shuffling Allowed : Yes Group Comprehension Questions : No

Question Numbers : (55 to 56)

Question Label : Comprehension

निम्नलिखित सारणी (टेबल) का अध्ययन करें जिसमें प्रतिशत वार पांच कॉलेजों में विद्यार्थियों के वितरण का विवरण प्रस्तुत है। सभी पांच कॉलेजों में केवल उपरोक्त पाठ्यक्रम प्रस्तुत किए जाते हैं:

कॉलेज	पाठ्यक्रम			
	कला	वाणिज्य	विज्ञान	कुल विद्यार्थीगण
A	25%	35%	--	1400
B	20%	--	40%	--
C	15%	30%	--	1800
D	28%	32%	40%	2300
E	20%	--	35%	3240

Sub questions

Question Number : 55 Question Id : 16794311878 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

यदि कॉलेज B में, वाणिज्य पाठ्यक्रम में विद्यार्थियों की संख्या 800 है, तो सभी कॉलेजों में विद्यार्थियों की कुल संख्या क्या है?

Options :

✗ 1,800

✗ 1,900

✓ 2,000

✗ 2,200

Question Number : 56 Question Id : 16794311879 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

सभी कॉलेजों में कुल विद्यार्थियों की तुलना में सभी 5 कॉलेजों में कला में कुल विद्यार्थियों, का प्रतिशत ठीक एक दशमलव के स्थान तक क्या होगा?

Options :

✖ 19.8%

✔ 21.5%

✖ 22.6%

✖ 24.8%

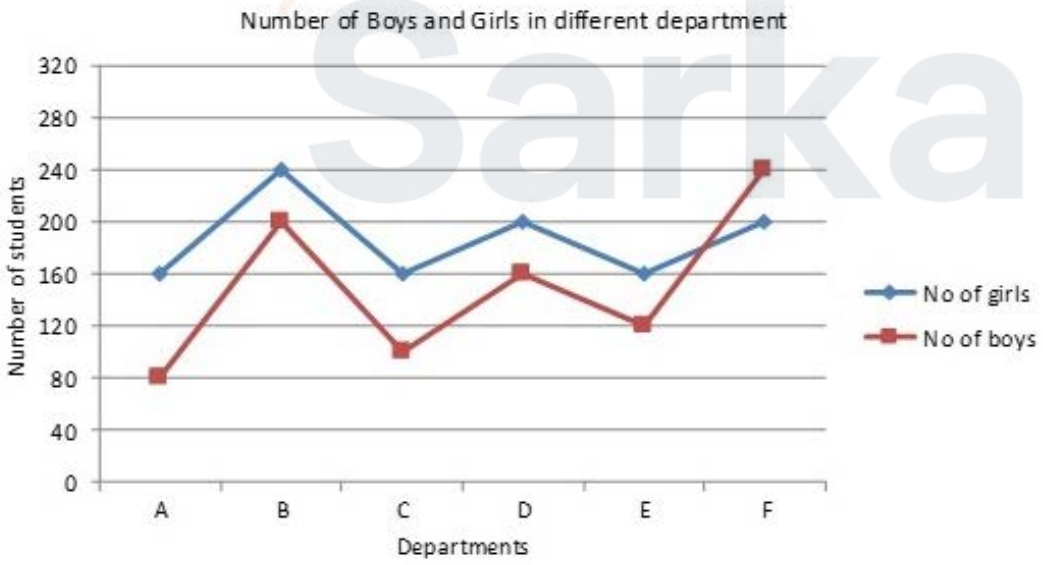
Sub-Section Number:	3
Sub-Section Id:	167943743
Question Shuffling Allowed :	Yes

Question Id : 16794311880 Question Type : COMPREHENSION Sub Question Shuffling Allowed : Yes Group Comprehension Questions : No

Question Numbers : (57 to 58)

Question Label : Comprehension

Read the line graph which shows the number of boys and number girls in different departments in a college.



Sub questions

Question Number : 57 Question Id : 16794311881 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

What percent are girls of all students in all the departments (correct to one decimal place)?

Options :

✖ 52.6%

✖ 54.8%

✔ 55.4%

✖ 55.8%

Question Number : 58 Question Id : 16794311882 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

In which department the percentage of girls is highest?

Options :

✔ A

✖ B

✖ C

✖ E

Question Id : 16794311880 Question Type : COMPREHENSION Sub Question Shuffling Allowed : Yes Group Comprehension Questions : No

Question Numbers : (57 to 58)

Question Label : Comprehension

एक कॉलेज में विभिन्न विभागों के लड़के और लड़कियों के संबंध में प्रस्तुत रेखीय ग्राफ का अध्ययन करें।

Sub questions

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Question Number : 57 Question Id : 16794311881 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

सभी विभागों में सभी विद्यार्थियों की तुलना में लड़कियों का प्रतिशत क्या है (ठीक एक दशमलव के स्थान तक)?

Options :

✗ 52.6%

✗ 54.8%

✓ 55.4%

✗ 55.8%

Question Number : 58 Question Id : 16794311882 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

किस विभाग में लड़कियों का प्रतिशत सबसे अधिक है?

Options :

✓ A

✗ B

✗ C

✗ E

Sub-Section Number: 4

Sub-Section Id: 167943744

Question Shuffling Allowed : Yes

Question Id : 16794311883 Question Type : COMPREHENSION Sub Question Shuffling Allowed : Yes Group Comprehension Questions : No

Question Numbers : (59 to 60)

Question Label : Comprehension

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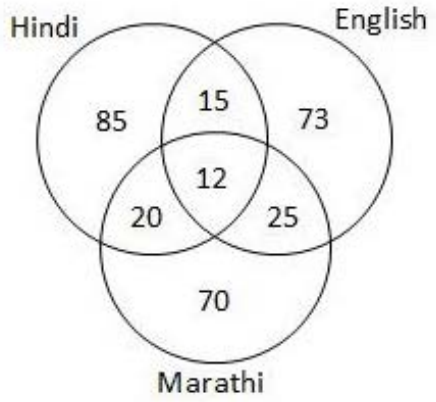
Study the venn diagram that gives the number of candidates who failed in different subjects. 900 candidates appeared in the examination comprising Hindi, English, Marathi.



Sub questions

Question Number : 59 Question Id : 16794311884 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

What is the percentage of students who failed in at least two subjects?

Options :

✖ 7.5%

✔ 8%

✖ 8.4%

✖ 8.6%

Question Number : 60 Question Id : 16794311885 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

What is the percentage of students who passed in all three subjects correct to one decimal place?

Options :

✖ 65.2%

✖ 65.8%

✔ 66.7%

✖ 67.2%

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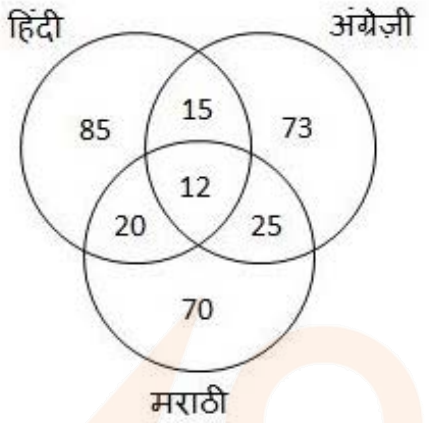
Question Id : 16794311883 Question Type : COMPREHENSION Sub Question Shuffling Allowed : Yes Group Comprehension Questions : No

Question Numbers : (59 to 60)

Question Label : Comprehension

प्रस्तुत वेन्न चित्र का अध्ययन करें जिसमें विभिन्न विषयों में अनुत्तीर्ण प्रतिभागियों की संख्या का उल्लेख किया गया है। हिंदी, अंग्रेज़ी और मराठी की सम्मिलित परीक्षा में 900 प्रतिभागी बैठे है।



Sub questions

Question Number : 59 Question Id : 16794311884 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

कम से कम दो विषयों में अनुत्तीर्ण प्रतिभागियों का प्रतिशत क्या है?

Options :

✖ 7.5%

✔ 8%

✖ 8.4%

✖ 8.6%

Question Number : 60 Question Id : 16794311885 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

सभी तीय विषयों में उत्तीर्ण प्रतिभागियों का प्रतिशत क्या है, ठीक दशमलव के एक स्थान तक?

Options :

✖ 65.2%

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✖ 65.8%

✔ 66.7%

✖ 67.2%

General English

Group Number : 4
Group Id : 167943375
Group Maximum Duration : 0
Group Minimum Duration : 0
Revisit allowed for view? : No
Revisit allowed for edit? : No
Break time: 0
Group Marks: 20

General English

Section Id : 167943434
Section Number : 1
Section type : Online
Mandatory or Optional: Mandatory
Number of Questions: 16
Number of Questions to be attempted: 16
Section Marks: 20
Display Number Panel: Yes
Group All Questions: No

Sub-Section Number: 1
Sub-Section Id: 167943745
Question Shuffling Allowed : Yes

Question Number : 61 Question Id : 16794311886 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

From the given options choose the one that would *mean the SAME as* **wander.**

Options :

✖ focus

✔ roam

✖ concentrate

✖ reduce

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Question Number : 61 Question Id : 16794311886 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

From the given options choose the one that would *mean the SAME as* **wander.**

Options :

✖ focus

✔ roam

✖ concentrate

✖ reduce

Question Number : 62 Question Id : 16794311887 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

From the given options choose the one that *means the* OPPOSITE *of*

inauspicious.

Options :

✖ unlucky

✖ unfavourable

✔ propitious

✖ incapable

Question Number : 62 Question Id : 16794311887 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

From the given options choose the one that *means the* OPPOSITE *of*

inauspicious.

Options :

✖ unlucky

✖ unfavourable

✔ propitious

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✗ incapable

Question Number : 63 Question Id : 16794311888 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Detect the mis-spelt word from the given options.

Options :

✗ allure

✗ dissuade

✗ business

✓ proffession

Question Number : 63 Question Id : 16794311888 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Detect the mis-spelt word from the given options.

Options :

✗ allure

✗ dissuade

✗ business

✓ proffession

Question Number : 64 Question Id : 16794311889 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

From the given options, select the one that represents the appropriate meaning of the underlined IDIOM in the sentence given below.

Old people sometimes become hard of hearing.

Options :

✓ Unable to hear clearly

✗ Lose their eyesight

✗ Unable to remember

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✖ Weak and incompetent

Question Number : 64 Question Id : 16794311889 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

From the given options, select the one that represents the appropriate meaning of the underlined IDIOM in the sentence given below.

Old people sometimes become hard of hearing.

Options :

✔ Unable to hear clearly

✖ Lose their eyesight

✖ Unable to remember

✖ Weak and incompetent

Question Number : 65 Question Id : 16794311890 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

From the given options, select the word that can *substitute the underlined words* in the sentence given below.

As the car neared the bungalow, a curious feeling happy times spent in the past, overwhelmed me.

Options :

✖ enigma

✔ nostalgia

✖ somnolence

✖ insomnia

Question Number : 65 Question Id : 16794311890 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

From the given options, select the word that can *substitute the underlined words* in the sentence given below.

As the car neared the bungalow, a curious feeling happy times spent in the past, overwhelmed me.

Options :

✖ enigma

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✔ nostalgia

✖ somnolence

✖ insomnia

Question Number : 66 Question Id : 16794311891 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Fill in the blank in the sentence given below with the correct option.

A: It's raining heavily outside. _____ we order another cup of coffee and some sandwiches?
B: Perhaps we _____ do that.

Options :

✖ Can; will

✔ Shall; can

✖ Need; must

✖ Must; would

Question Number : 66 Question Id : 16794311891 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Fill in the blank in the sentence given below with the correct option.

A: It's raining heavily outside. _____ we order another cup of coffee and some sandwiches?
B: Perhaps we _____ do that.

Options :

✖ Can; will

✔ Shall; can

✖ Need; must

✖ Must; would

Question Number : 67 Question Id : 16794311892 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

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Fill in the blank in the sentence given below with the correct option.

I _____ a car now. I _____ it last month.

Options :

✔ Don't have; had sold

✖ Having ; buy

✖ Am not having ; sold

✖ Will not have; was selling

Question Number : 67 Question Id : 16794311892 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Fill in the blank in the sentence given below with the correct option.

I _____ a car now. I _____ it last month.

Options :

✔ Don't have; had sold

✖ Having ; buy

✖ Am not having ; sold

✖ Will not have; was selling

Question Number : 68 Question Id : 16794311893 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Fill in the blank in the sentence given below with the correct option.

A: What are you _____ in the bookshelf?
B: One of my all time favourites, 'The Palace Of Illusions.'

Options :

✖ looking after

✖ looking around

✔ looking for

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looking forward to

Question Number : 68 Question Id : 16794311893 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Fill in the blank in the sentence given below with the correct option.

A: What are you _____ in the bookshelf?
B: One of my all time favourites, 'The Palace Of Illusions.'

Options :

looking after

looking around

looking for

looking forward to

Question Number : 69 Question Id : 16794311894 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Fill in the blank in the sentence given below with the correct option.

It's time we _____ for the station. I think we must give _____ plenty of time to reach in this rush hour.

Options :

go; us

start; them

leave; ourselves

start; themselves

Question Number : 69 Question Id : 16794311894 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Fill in the blank in the sentence given below with the correct option.

It's time we _____ for the station. I think we must give _____ plenty of time to reach in this rush hour.

Options :

go; us

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✗ start; them

✓ leave; ourselves

✗ start; themselves

Question Number : 70 Question Id : 16794311895 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Given below is *an incorrect sentence*. From the given options, *select the part* that has an error.

Ramesh dropped into college so that he can help his father with the growing business.

Options :

✓ dropped into college

✗ he can help

✗ his father

✗ growing business.

Question Number : 70 Question Id : 16794311895 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Given below is *an incorrect sentence*. From the given options, *select the part* that has an error.

Ramesh dropped into college so that he can help his father with the growing business.

Options :

✓ dropped into college

✗ he can help

✗ his father

✗ growing business.

Question Number : 71 Question Id : 16794311896 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

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Given below is *an incorrect sentence*. From the given options, *select the part* that has an error.

A: You love pastries, isn't it?
B: Yes, but I am too full at the moment.

Options :

✖ You love

✔ isn't it

✖ but I am

✖ at the moment

Question Number : 71 Question Id : 16794311896 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Given below is *an incorrect sentence*. From the given options, *select the part* that has an error.

A: You love pastries, isn't it?
B: Yes, but I am too full at the moment.

Options :

✖ You love

✔ isn't it

✖ but I am

✖ at the moment

Question Number : 72 Question Id : 16794311897 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Select the *PASSIVE VOICE form of* the given sentence.

My husband told me to wait near the entrance till he comes back with the tickets.

Options :

✖ Till he came back with the tickets I stood at the entrance.

✖ I stood at the entrance till my husband came back with the tickets.

✖ I told my husband to get the tickets while I stood at the entrance.

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✔ I was told by my husband to wait near the entrance till he came back with the tickets.

Question Number : 72 Question Id : 16794311897 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Select the *PASSIVE VOICE form of* the given sentence.

My husband told me to wait near the entrance till he comes back with the tickets.

Options :

✖ Till he came back with the tickets I stood at the entrance.

✖ I stood at the entrance till my husband came back with the tickets.

✖ I told my husband to get the tickets while I stood at the entrance.

✔ I was told by my husband to wait near the entrance till he came back with the tickets.

Question Number : 73 Question Id : 16794311898 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Select the *INDIRECT FORM of narration* of the given sentence.

"The camel milk business is a ray of hope for our community," said Raika ,a camel breeder from Barmer." The income from the milk motivates us to keep our animals."

Options :

✖ The camel milk business is a ray of hope for our community, said Raika, a camel breeder from Barmer. The income from the milk motivates us to keep our animals, he added.

✔ Raika, a camel breeder from Barmer, said that the camel milk business was a ray of hope for their community. He further added that the income from the milk motivated them to keep their animals.

✖ The income from the milk motivated Raika to breed and keep camels. The milk business is the only ray of hope for the community.

✖ Raika, a camel breeder from Barmer, said that the camel milk business was a ray of hope for our community. He further added that the income from the milk motivate us to keep our animals.

Question Number : 73 Question Id : 16794311898 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Select the *INDIRECT FORM of narration* of the given sentence.

"The camel milk business is a ray of hope for our community," said Raika ,a camel breeder from Barmer." The income from the milk motivates us to keep our animals."

Options :

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The camel milk business is a ray of hope for our community, said Raika, a camel breeder from Barmer. The income from the milk motivates us to keep our animals, he added.

Raika, a camel breeder from Barmer, said that the camel milk business was a ray of hope for their community. He further added that the income from the milk motivated them to keep their animals.

The income from the milk motivated Raika to breed and keep camels. The milk business is the only ray of hope for the community.

Raika, a camel breeder from Barmer, said that the camel milk business was a ray of hope for our community. He further added that the income from the milk motivate us to keep our animals.

Question Number : 74 Question Id : 16794311899 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Choose the best option to combine the given sentences into a single sentence.

Alexey Maresyev was a Soviet pilot. He was shot down not far from Nazi troops. This happened in 1942. He feared he would be captured by Nazi troops. He crawled in snow for 18 days

Options :

Alexey Maresyev, a Soviet pilot crawled in snow for eighteen days in 1942 to reach his own country. He was shot down not far from Nazi troops.

Shot down by Nazi troops, Alexey Maresyev, crawled for eighteen days, to reach his own country. He was a Soviet pilot in 1942.

Alexey Maresyev was a Soviet pilot and he was shot down not far from Nazi troops in 1942. Since he feared he would be captured by Nazi troops, he crawled in snow for 18 days to reach his Soviet colleagues.

Fearing that he would be captured by Nazi troops, Alexey Maresyev, a Soviet pilot who was shot not far from Nazi troops, crawled in snow for 18 days to reach his own people.

Question Number : 74 Question Id : 16794311899 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Choose the best option to combine the given sentences into a single sentence.

Alexey Maresyev was a Soviet pilot. He was shot down not far from Nazi troops. This happened in 1942. He feared he would be captured by Nazi troops. He crawled in snow for 18 days

Options :

Alexey Maresyev, a Soviet pilot crawled in snow for eighteen days in 1942 to reach his own country. He was shot down not far from Nazi troops.

Shot down by Nazi troops, Alexey Maresyev, crawled for eighteen days, to reach his own country. He was a Soviet pilot in 1942.

Alexey Maresyev was a Soviet pilot and he was shot down not far from Nazi troops in 1942. Since he feared he would be captured by Nazi troops, he crawled in snow for 18 days to reach his Soviet colleagues.

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Fearing that he would be captured by Nazi troops, Alexey Maresyev, a Soviet pilot who was shot not far from Nazi troops, crawled in snow for 18 days to reach his own people.

Question Number : 75 Question Id : 16794311900 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Choose the passage that is correctly punctuated.

Options :

The chronology* of the earlier part of Indian history is uncertain compared to that of china or the mediterranean world. However this uncertainty is often offset in the data from inscriptions that are usually precisely dated.

(Word meaning --order of events in which things happened)

The chronology of the earlier part of Indian history is uncertain compared to that of China or the Mediterranean world. However, this uncertainty is often offset in the data from inscriptions that are usually precisely dated.

The Chronology Of The Earlier Part Of Indian History Is Uncertain Compared To That Of China Or The Mediterranean World. However This Uncertainty Is Often Offset In The Data From Inscriptions Are That Are Usually Precisely Dated.

The chronology of the earlier part of indian history is uncertain compared to that of china or the mediterranean world. However this uncertainty is often offset in the data from inscriptions are that are usually precisely dated

Question Number : 75 Question Id : 16794311900 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Choose the passage that is correctly punctuated.

Options :

The chronology* of the earlier part of Indian history is uncertain compared to that of china or the mediterranean world. However this uncertainty is often offset in the data from inscriptions that are usually precisely dated.

(Word meaning --order of events in which things happened)

The chronology of the earlier part of Indian history is uncertain compared to that of China or the Mediterranean world. However, this uncertainty is often offset in the data from inscriptions that are usually precisely dated.

The Chronology Of The Earlier Part Of Indian History Is Uncertain Compared To That Of China Or The Mediterranean World. However This Uncertainty Is Often Offset In The Data From Inscriptions Are That Are Usually Precisely Dated.

The chronology of the earlier part of indian history is uncertain compared to that of china or the mediterranean world. However this uncertainty is often offset in the data from inscriptions are that are usually precisely dated

Sub-Section Number:	2
Sub-Section Id:	167943746
Question Shuffling Allowed :	Yes

Question Id : 16794311901 Question Type : COMPREHENSION Sub Question Shuffling Allowed : Yes Group Comprehension Questions : No

Question Numbers : (76 to 80)

Question Label : Comprehension

Read the passage given below and answer the questions that follow.

A full length newspaper feature, titled 'Getting Junior To Junk Junk,' points out how a diet of pizza, pasta and fries are what an increasing number of Indian kids are consuming and this combined with a sedentary lifestyle is leading to a growing child obesity crisis. At 14.4 million, India is now home to the second-highest number of obese children in the world after China.

Doctors say the obesity crisis shouldn't be taken lightly. In 2017, a study revealed that 11-18% of Indian children are obese. "In the metros, the prevalence is about 25%. The causes are dietary (preference for fast and refined food, low fibre intake and moving away from a balanced, home cooked diet) minimal physical activity and sleep deprivation. Significantly, a 2016 study on the presence of non-alcoholic fatty liver disease in over 200 children with obesity revealed that in over 90% of cases, parents were also obese, underlying the role of "shared lifestyle in the family."

Nutritionists say we are raising kids in an 'obesogenic' environment, with several factors making kids vulnerable to weight gain: no access to walking or cycling tracks to go to school, buildings having more parking space than playing areas, easy availability of junk food around and inside school and absence of curbs on food advertising.

The article also brings out why it is important for parents to examine their own eating habits and lifestyle. While some informed and aware parents do realize that if they control themselves and align themselves to healthier food, children will have a foundation for life, many do not. Parents should ensure that children are involved in different kinds of physical activities through the week. It's a way to keep them both happy and healthy.

An eminent nutritionist suggests that parents should educate their children not just about avoiding sugar, calories or fat, but they themselves should set an example by living more responsibly. If parents themselves have cold drinks, but children are restricted, why would they listen?

Sub questions

Question Number : 76 Question Id : 16794311902 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Choose the correct option.

The theme of this article is _____.

Options :

✖ Longevity of Indians.

✔ Childhood obesity crisis in India.

✖ Irresponsible behavior of modern parents.

✖ Lifestyles in metropolitan cities versus villages.

Question Number : 77 Question Id : 16794311903 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Choose the correct combination.

Obese children are:

a. Overweight
b. Devoted to studies
c. Fond of fast food
d. House-bound
e. physically inactive
f. good musicians
g. sleep-deprived

fond of games and sports

Options :

✖ a, b, c, d, e.

✖ e, f, g, h

✔ a, c, d, e, g

✖ a, d, g, h

Question Number : 78 Question Id : 16794311904 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Choose the INCORRECT option.

In all metropolitan cities in India , we have

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Options :

✔ safe cycling tracks for school children

✖ easy access to fast food

✖ few playgrounds for children

✖ fewer opportunities to walk to school.

Question Number : 79 Question Id : 16794311905 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Choose the correct option.

The expression 'shared lifestyle in the family' (second paragraph, last sentence) means that parents:

Options :

✖ are fond of physical activities and sports.

✔ are fond of sweet food and drinks and avoid eating vegetables.

✖ avoid sitting in the house or office most of the time.

✖ maintain regular hours of sleep.

Question Number : 80 Question Id : 16794311906 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Choose the correct option to complete the statement given below.

Read the title of the article again (sentence one). If the first *junk* in this title means to stop using something, what does the second *junk* mean?

Options :

✖ Old and used goods that we do not need any more

✖ Advertisements and publicity materials

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Some place where useful parts of old machines are saved and kept

Food that is easy and quick to prepare but not good for health.

Question Id : 16794311901 Question Type : COMPREHENSION Sub Question Shuffling Allowed : Yes Group Comprehension Questions : No

Question Numbers : (76 to 80)

Question Label : Comprehension

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Read the passage given below and answer the questions that follow.

A full length newspaper feature, titled 'Getting Junior To Junk Junk,' points out how a diet of pizza, pasta and fries are what an increasing number of Indian kids are consuming and this combined with a sedentary lifestyle is leading to a growing child obesity crisis. At 14.4 million, India is now home to the second-highest number of obese children in the world after China.

Doctors say the obesity crisis shouldn't be taken lightly. In 2017, a study revealed that 11-18% of Indian children are obese. "In the metros, the prevalence is about 25%. The causes are dietary (preference for fast and refined food, low fibre intake and moving away from a balanced, home cooked diet) minimal physical activity and sleep deprivation. Significantly, a 2016 study on the presence of non-alcoholic fatty liver disease in over 200 children with obesity revealed that in over 90% of cases, parents were also obese, underlying the role of "shared lifestyle in the family."

Nutritionists say we are raising kids in an 'obesogenic' environment, with several factors making kids vulnerable to weight gain: no access to walking or cycling tracks to go to school, buildings having more parking space than playing areas, easy availability of junk food around and inside school and absence of curbs on food advertising.

The article also brings out why it is important for parents to examine their own eating habits and lifestyle. While some informed and aware parents do realize that if they control themselves and align themselves to healthier food, children will have a foundation for life, many do not. Parents should ensure that children are involved in different kinds of physical activities through the week. It's a way to keep them both happy and healthy.

An eminent nutritionist suggests that parents should educate their children not just about avoiding sugar, calories or fat, but they themselves should set an example by living more responsibly. If parents themselves have cold drinks, but children are restricted, why would they listen?

Sub questions

Question Number : 76 Question Id : 16794311902 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Choose the correct option.

The theme of this article is _____.

Options :

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✗ Longevity of Indians.

✓ Childhood obesity crisis in India.

✗ Irresponsible behavior of modern parents.

✗ Lifestyles in metropolitan cities versus villages.

Question Number : 77 Question Id : 16794311903 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Choose the correct combination.

Obese children are:

a. Overweight
b. Devoted to studies
c. Fond of fast food
d. House-bound
e. physically inactive
f. good musicians
g. sleep-deprived

fond of games and sports

Options :

✗ a, b, c, d, e.

✗ e, f, g, h

✓ a, c, d, e, g

✗ a, d, g, h

Question Number : 78 Question Id : 16794311904 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Choose the INCORRECT option.

In all metropolitan cities in India , we have

Options :

✓ safe cycling tracks for school children

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✗ easy access to fast food

✗ few playgrounds for children

✗ fewer opportunities to walk to school.

Question Number : 79 Question Id : 16794311905 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Choose the correct option.

The expression 'shared lifestyle in the family' (second paragraph, last sentence) means that parents:

Options :

✗ are fond of physical activities and sports.

✓ are fond of sweet food and drinks and avoid eating vegetables.

✗ avoid sitting in the house or office most of the time.

✗ maintain regular hours of sleep.

Question Number : 80 Question Id : 16794311906 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Choose the correct option to complete the statement given below.

Read the title of the article again (sentence one). If the first *junk* in this title means to stop using something, what does the second *junk* mean?

Options :

✗ Old and used goods that we do not need any more

✗ Advertisements and publicity materials

✗ Some place where useful parts of old machines are saved and kept

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Food that is easy and quick to prepare but not good for health.

General Hindi

Group Number :	5
Group Id :	167943376
Group Maximum Duration :	0
Group Minimum Duration :	0
Revisit allowed for view? :	No
Revisit allowed for edit? :	No
Break time:	0
Group Marks:	20

General Hindi

Section Id :	167943435
Section Number :	1
Section type :	Online
Mandatory or Optional:	Mandatory
Number of Questions:	16
Number of Questions to be attempted:	16
Section Marks:	20
Display Number Panel:	Yes
Group All Questions:	No

Sub-Section Number:	1
Sub-Section Id:	167943747
Question Shuffling Allowed :	Yes

Question Id : 16794311907 Question Type : COMPREHENSION Sub Question Shuffling Allowed : Yes Group Comprehension Questions : No

Question Numbers : (81 to 85)

Question Label : Comprehension

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नीचे दिये गए गद्यांश को पढ़कर पूछे गये प्रश्नों के उत्तर दीजिए।

प्रेमचंद के बाद उनके ढर्रे की कहानियाँ अधिकांशत: प्रगतिशील कहानीकारों ने ही लिखीं जिनमें यशपाल, राहुल, अश्क, अमृतराय, पहाड़ी आदि उल्लेखनीय हैं। यशपाल प्रेमचंदोत्तर हिंदी कहानीकारों के प्रमुख हैं। उनकी पहली कहानी मक्रील जो 1934 ई. में छपी, पिंजरे की उड़ान (कहानी संग्रह - 1939) में है। यशपाल मूलतः मार्क्सवादी विचारों के रचनाकार हैं, किंतु उनकी कुछ कहानियाँ यौन-भावना पर आधारित हैं। सामाजिक पिछड़ेपन को, चाहे वह धार्मिक हो या राजनैतिक, वे निर्भयता से उद्घाटित करते हैं। इसलिए उनकी कहानियों में व्यंग्य का स्वर आ जाता है। राहुल, जी ने सतमी के बच्चे (1935) के अलावा बोल्गा से गंगा (1942) लिखी जो इतिहास के विभिन्न युगों को चित्रित करनेवाली कहानियों का संग्रह है। इससे पूरा मानव-इतिहास आँखों के सामने आ जाता है। डा. भगवतशरण उपाध्याय का कहानी संग्रह भी इसी प्रकार का है। अश्क उर्दू से हिंदी में आए। उनका पहला कहानी-संग्रह जुदाई की शाम का गीत 1933 में छपा था, डाची 1937 में। अमृतराय, पहाड़ी, श्यामू संन्यासी, भैरव प्रसाद गुप्त आदि ने इसी समय लिखना शुरू किया और स्वतंत्रता के बाद भी लिखते रहे।

Sub questions

Question Number : 81 Question Id : 16794311908 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

'मक्रील' किसकी कहानी है?

Options :

✖ प्रेमचन्द

✔ यशपाल

✖ राहुल

✖ अश्क

Question Number : 82 Question Id : 16794311909 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

इतिहास के विभिन्न युगों को चित्रित करने वाला कहानी-संग्रह है:

Options :

✗ पिंजरे की उड़ान

✗ सतमी के बच्चे

✓ बोल्गा से गंगा

✗ जुदाई की शाम का गीत

Question Number : 83 Question Id : 16794311910 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

'डाची' किसका कहानी संग्रह है?

Options :

✗ राहुल

✗ यशपाल

✗ अमृत राय

✓ अश्क

Question Number : 84 Question Id : 16794311911 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

यशपाल मूलतः किन विचारों के रचनाकार हैं?

Options :

✓ मार्क्सवादी

✗ व्यक्तिवादी

✗ उदारवादी

✗ गाँधीवादी

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Question Number : 85 Question Id : 16794311912 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

गद्यांश का उपयुक्त शीर्षक होगा:

Options :

✗ प्रेमचन्द पूर्व हिन्दी कहानी

✗ प्रेमचन्द युगीन हिन्दी कहानी

✓ प्रेमचन्दोत्तर हिन्दी कहानी

✗ नयी कहानी

Question Id : 16794311907 Question Type : COMPREHENSION Sub Question Shuffling Allowed : Yes Group Comprehension Questions : No

Question Numbers : (81 to 85)

Question Label : Comprehension

नीचे दिये गए गद्यांश को पढ़कर पूछे गये प्रश्नों के उत्तर दीजिए।

प्रेमचंद के बाद उनके ढर्रे की कहानियाँ अधिकांशत: प्रगतिशील कहानीकारों ने ही लिखीं जिनमें यशपाल, राहुल, अश्क, अमृतराय, पहाड़ी आदि उल्लेखनीय हैं। यशपाल प्रेमचंदोत्तर हिंदी कहानीकारों के प्रमुख हैं। उनकी पहली कहानी मक्रील जो 1934 ई. में छपी, पिंजरे की उड़ान (कहानी संग्रह - 1939) में है। यशपाल मूलतः मार्क्सवादी विचारों के रचनाकार हैं, किंतु उनकी कुछ कहानियाँ यौन-भावना पर आधारित हैं। सामाजिक पिछड़ेपन को, चाहे वह धार्मिक हो या राजनैतिक, वे निर्भयता से उद्घाटित करते हैं। इसलिए उनकी कहानियों में व्यंग्य का स्वर आ जाता है। राहुल, जी ने सतमी के बच्चे (1935) के अलावा बोल्गा से गंगा (1942) लिखी जो इतिहास के विभिन्न युगों को चित्रित करनेवाली कहानियों का संग्रह है। इससे पूरा मानव-इतिहास आँखों के सामने आ जाता है। डा. भगवतशरण उपाध्याय का कहानी संग्रह भी इसी प्रकार का है। अश्क उर्दू से हिंदी में आए। उनका पहला कहानी-संग्रह जुदाई की शाम का गीत 1933 में छपा था, डाची 1937 में। अमृतराय, पहाड़ी, श्यामू संन्यासी, भैरव प्रसाद गुप्त आदि ने इसी समय लिखना शुरू किया और स्वतंत्रता के बाद भी लिखते रहे।

Sub questions

Question Number : 81 Question Id : 16794311908 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

'मक्रील' किसकी कहानी है?

Options :

✖ प्रेमचन्द

✔ यशपाल

✖ राहुल

✖ अश्क

Question Number : 82 Question Id : 16794311909 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

इतिहास के विभिन्न युगों को चित्रित करने वाला कहानी-संग्रह है:

Options :

✖ पिंजरे की उड़ान

✖ सतमी के बच्चे

✔ बोल्गा से गंगा

✖ जुदाई की शाम का गीत

Question Number : 83 Question Id : 16794311910 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

'डाची' किसका कहानी संग्रह है?

Options :

✖ राहुल

✖ यशपाल

✖ अमृत राय

✔ अश्क

Question Number : 84 Question Id : 16794311911 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

यशपाल मूलतः किन विचारों के रचनाकार हैं?

Options :

✔ मार्क्सवादी

✖ व्यक्तिवादी

✖ उदारवादी

✖ गाँधीवादी

Question Number : 85 Question Id : 16794311912 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

गद्यांश का उपयुक्त शीर्षक होगा:

Options :

✖ प्रेमचन्द पूर्व हिन्दी कहानी

✖ प्रेमचन्द युगीन हिन्दी कहानी

✔ प्रेमचन्दोत्तर हिन्दी कहानी

✖ नयी कहानी

Sub-Section Number: 2
Sub-Section Id: 167943748
Question Shuffling Allowed : Yes

Question Number : 86 Question Id : 16794311913 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

निम्न में तत्सम शब्द है:

Options :

✔ निर्झर

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✖ ठंडा

✖ तिनका

✖ जेठ

Question Number : 86 Question Id : 16794311913 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

निम्न में तत्सम शब्द है:

Options :

✔ निर्झर

✖ ठंडा

✖ तिनका

✖ जेठ

Question Number : 87 Question Id : 16794311914 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

निम्न में तद्भव शब्द है:

Options :

✖ श्रृंखला

✔ सपना

✖ संध्या

✖ सौभाग्य

Question Number : 87 Question Id : 16794311914 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

निम्न में तद्भव शब्द है:

Options :

✖ श्रृंखला

✔ सपना

✖ संध्या

✖ सौभाग्य

Question Number : 88 Question Id : 16794311915 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

'जिसकी जानकारी बहुत अधिक हो' के लिए एक शब्द है:

Options :

✖ अज्ञ

✖ अभिज्ञ

✖ अल्पज्ञ

✔ विज्ञ

Question Number : 88 Question Id : 16794311915 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

'जिसकी जानकारी बहुत अधिक हो' के लिए एक शब्द है:

Options :

✖ अज्ञ

✖ अभिज्ञ

✖ अल्पज्ञ

✔ विज्ञ

Question Number : 89 Question Id : 16794311916 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

'संवाद' का संधि-विच्छेद होगा:

Options :

✖ सन् + वाद

✔ सम् + वाद

✖ स + वाद

✖ सः + वाद

Question Number : 89 Question Id : 16794311916 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

'संवाद' का संधि-विच्छेद होगा:

Options :

✖ सन् + वाद

✔ सम् + वाद

✖ स + वाद

✖ सः + वाद

Question Number : 90 Question Id : 16794311917 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

'चक्रपाणि' में समास है:

Options :

✔ बहुब्रीहि

✖ तत्पुरुष

✖ अव्ययीभाव

✖ द्वंद्व

Question Number : 90 Question Id : 16794311917 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

'चक्रपाणि' में समास है:

Options :

✔ बहुब्रीहि

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✖ तत्पुरुष

✖ अव्ययीभाव

✖ द्वंद्व

Question Number : 91 Question Id : 16794311918 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

निम्नलिखित में से कौन-सा शब्द विशेषण है?

Options :

✖ ईश्वर

✖ मित्रता

✔ प्राचीन

✖ बड़प्पन

Question Number : 91 Question Id : 16794311918 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

निम्नलिखित में से कौन-सा शब्द विशेषण है?

Options :

✖ ईश्वर

✖ मित्रता

✔ प्राचीन

✖ बड़प्पन

Question Number : 92 Question Id : 16794311919 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

निम्नलिखित में कौन-सा शब्द स्त्रीलिंग नहीं है?

Options :

✖ मंत्रणा

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✖ शिक्षा

✖ परीक्षा

✔ प्रश्न

Question Number : 92 Question Id : 16794311919 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

निम्नलिखित में कौन-सा शब्द स्त्रीलिंग नहीं है?

Options :

✖ मंत्रणा

✖ शिक्षा

✖ परीक्षा

✔ प्रश्न

Question Number : 93 Question Id : 16794311920 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

'मैं गाने की कसरत कर रहा हूँ।' वाक्य में अशुद्ध अंश है:

Options :

✖ मैं

✔ गाने की कसरत

✖ कर

✖ रहा हूँ।

Question Number : 93 Question Id : 16794311920 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

'मैं गाने की कसरत कर रहा हूँ।' वाक्य में अशुद्ध अंश है:

Options :

✖ मैं

✔ गाने की कसरत

✖ कर

✖ रहा हूँ।

Question Number : 94 Question Id : 16794311921 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

'वह खा चुका, तब मैं आया।' यह कैसा वाक्य है?

Options :

✖ सरल वाक्य

✖ संयुक्त वाक्य

✔ मिश्र वाक्य

✖ उपवाक्य

Question Number : 94 Question Id : 16794311921 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

'वह खा चुका, तब मैं आया।' यह कैसा वाक्य है?

Options :

✖ सरल वाक्य

✖ संयुक्त वाक्य

✔ मिश्र वाक्य

✖ उपवाक्य

Question Number : 95 Question Id : 16794311922 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

'यदि तुम जाओ तो मैं भी चलूँ।' यह वाक्य है:

Options :

✔ संकेतवाचक

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✖ प्रश्नवाचक

✖ निषेधवाचक

✖ विस्मयवाचक

Question Number : 95 Question Id : 16794311922 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

'यदि तुम जाओ तो मैं भी चलूँ।' यह वाक्य है:

Options :

✔ संकेतवाचक

✖ प्रश्नवाचक

✖ निषेधवाचक

✖ विस्मयवाचक

Question Number : 96 Question Id : 16794311923 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

'कपड़ा' का पर्यायवाची है:

Options :

✖ पावक

✖ अक्षि

✖ निलय

✔ वसन

Question Number : 96 Question Id : 16794311923 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

'कपड़ा' का पर्यायवाची है:

Options :

✖ पावक

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✖ अक्षि

✖ निलय

✔ वसन

Question Number : 97 Question Id : 16794311924 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

'किरण' का पर्यायवाची नहीं है:

Options :

✖ अंशु

✖ कर

✔ चपला

✖ रश्मि

Question Number : 97 Question Id : 16794311924 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

'किरण' का पर्यायवाची नहीं है:

Options :

✖ अंशु

✖ कर

✔ चपला

✖ रश्मि

Question Number : 98 Question Id : 16794311925 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

'जल' का पर्यायवाची है:

Options :

✖ हय

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✔ अंबु

✖ अनल

✖ शशि

Question Number : 98 Question Id : 16794311925 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

'जल' का पर्यायवाची है:

Options :

✖ हय

✔ अंबु

✖ अनल

✖ शशि

Question Number : 99 Question Id : 16794311926 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

'सदय' का विलोम होगा:

Options :

✖ उदय

✖ दयालु

✖ कृपण

✔ निर्दय

Question Number : 99 Question Id : 16794311926 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

'सदय' का विलोम होगा:

Options :

✖ उदय

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✖ दयालु

✖ कृपण

✔ निर्दय

Question Number : 100 Question Id : 16794311927 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

'सरस' का विलोम है:

Options :

✔ नीरस

✖ रस

✖ सरल

✖ कठिन

Question Number : 100 Question Id : 16794311927 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

'सरस' का विलोम है:

Options :

✔ नीरस

✖ रस

✖ सरल

✖ कठिन

Subject Related

Group Number :	6
Group Id :	167943377
Group Maximum Duration :	0
Group Minimum Duration :	0
Revisit allowed for view? :	No
Revisit allowed for edit? :	No
Break time:	0

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Group Marks: 20

Subject Related

Section Id : 167943436
Section Number : 1
Section type : Online
Mandatory or Optional: Mandatory
Number of Questions: 20
Number of Questions to be attempted: 20
Section Marks: 20
Display Number Panel: Yes
Group All Questions: No

Sub-Section Number: 1
Sub-Section Id: 167943749
Question Shuffling Allowed : Yes

Question Number : 101 Question Id : 16794311928 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

According to the law of equipartition of energy, calculate the energy of H_2 (3,2,1).

Options :

✗ 3/2 RT per mole

✓ 7/2 RT per mole

✗ 7/2 RT per molecule

✗ 3/2 RT per molecule

Question Number : 101 Question Id : 16794311928 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

उर्जा के समविभाजन (इक्विपार्टीशन) नियम के अनुसार, H_2 (3,2,1) की उर्जा की गणना कीजिए।

Options :

✗ 3/2 आरटी प्रति मोल

✓ 7/2 आरटी प्रति मोल

✗ 7/2 आरटी प्रति मॉलिक्यूल

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✖ 3/2 आरटी प्रति मॉलिक्यूल

Question Number : 102 Question Id : 16794311929 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Hydrogen and helium at 0 °C are _____ compressible than/as ideal gas.

Options :

✖ more

✔ less

✖ equally

✖ Cannot be determined

Question Number : 102 Question Id : 16794311929 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

0 °C पर हाइड्रोजन और हीलियम एक आदर्श गैस की तुलना में _____ संपीडित होती हैं।

Options :

✖ अधिक

✔ कम

✖ बराबर

✖ निर्धारित नहीं किया जा सकता है

Question Number : 103 Question Id : 16794311930 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Calculate Boyle temperature of O_2 gas, given Van der Waal constants a & b as 4 $dm^3atm\ mole^{-2}$ and 8 dm^3mole^{-1} (R= 0.08206 $dm^3atm\ K^{-1}mole^{-1}$).

Options :

✖ 5.09 K

✖ 7.09 K

✔ 6.09 K

✖ 8.09 K

Question Number : 103 Question Id : 16794311930 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

O_2 गैस के बॉयल तापमान की गणना करें, वान डर वाल (Van der Waal) स्थिरांक a और b के मान क्रमशः 4 $dm^3atm\ mole^{-2}$ और 8 dm^3mole^{-1} ($R = 0.08206\ dm^3atm\ K^{-1}mole^{-1}$) हैं।

Options :

✖ 5.09 K

✖ 7.09 K

✔ 6.09 K

✖ 8.09 K

Question Number : 104 Question Id : 16794311931 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Surface tension of liquid _____ with _____ in temperature.

Options :

✖ decreases, decrease

✖ increases, increase

✖ increases , decrease

✔ decreases, increase

Question Number : 104 Question Id : 16794311931 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

द्रव का सतह तनाव तापमान के _____ के साथ _____ है।

Options :

✖ घटने, घटता

✖ बढ़ने, बढ़ता

✖ बढ़ने, घटता

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✔ घटने, बढ़ता

Question Number : 105 Question Id : 16794311932 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

The graph between time and temperature showing phase changes is called:

Options :

✔ Thermograph

✖ Tephigraph

✖ Mesomorph

✖ Tephigraph and Mesomorph

Question Number : 105 Question Id : 16794311932 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

प्रावस्था परिवर्तन दिखाने वाले समय और तापमान के बीच के ग्राफ को क्या कहा जाता है?

Options :

✔ थर्मोग्राफ

✖ टेफीग्राफ

✖ मेसोमोर्फ

✖ टेफीग्राफ और मेसोमोर्फ

Question Number : 106 Question Id : 16794311933 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Which of the following systems has 7 symmetry elements?

Options :

✖ Cubic

✔ Orthorhombic

✖ Triclinic

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✖ Tetragonal

Question Number : 106 Question Id : 16794311933 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

निम्नलिखित में से किस सिस्टम में 7 सममित तत्व होते हैं?

Options :

✖ क्यूबिक

✔ समचतुर्भुजी (ओर्थोरहोम्बिक)

✖ त्रिनताक्ष (ट्राईक्लिनिक)

✖ चतुष्कोण (टेट्रागोनल)

Question Number : 107 Question Id : 16794311934 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

The co-ordination number in BCC is:

Options :

✖ 4

✖ 6

✔ 8

✖ 12

Question Number : 107 Question Id : 16794311934 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

बीसीसी (BCC) में समन्वय संख्या क्या होती है?

Options :

✖ 4

✖ 6

✔ 8

✖ 12

Question Number : 108 Question Id : 16794311935 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

The fluorite structure is adopted by which of following?

Options :

✖ TiO_2

✔ CaF_2

✖ ZnS

✖ NaCl

Question Number : 108 Question Id : 16794311935 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

निम्नलिखित में से किसके द्वारा फ्लोराइट संरचना अपनाई जाती है?

Options :

✖ TiO_2

✔ CaF_2

✖ ZnS

✖ NaCl

Question Number : 109 Question Id : 16794311936 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Meissner effect is shown by:

Options :

✖ Diamagnetic substances

✖ Ferromagnetic substances

✖ Anti-ferromagnetic substances

✔ Superconductors

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Question Number : 109 Question Id : 16794311936 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

मीजनर प्रभाव निम्नलिखित में से किसके द्वारा दिखाया जाता है?

Options :

✗ प्रति-चुंबकीय पदार्थ

✗ लौह-चुंबकीय पदार्थ

✗ अलौह-चुंबकीय (एंटी-फेरोमैग्नेटिक) पदार्थ

✓ अतिचालक (सुपर कंडक्टर्स)

Question Number : 110 Question Id : 16794311937 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Which of the following is not paramagnetic?

Options :

✗ O_2

✓ F_2

✗ B_2

✗ Both O_2 and F_2

Question Number : 110 Question Id : 16794311937 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

निम्नलिखित में से कौन अनुचुंबकीय (पैरामैग्नेटिक) नहीं है?

Options :

✗ O_2

✓ F_2

✗ B_2

✖ O_2 और F_2 दोनों

Question Number : 111 Question Id : 16794311938 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

According to MOT, the bond order of O_2^{2-} is:

Options :

✖ $1\frac{1}{2}$

✖ $\frac{1}{2}$

✔ 1

✖ 2

Question Number : 111 Question Id : 16794311938 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

एमओटी (MOT) के अनुसार, O_2^{2-} का आबंध कोटि (बॉन्ड ऑर्डर) क्या है?

Options :

✖ $1\frac{1}{2}$

✖ $\frac{1}{2}$

✔ 1

✖ 2

Question Number : 112 Question Id : 16794311939 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

The structure of ClF_3 is:

Options :

✖ Trigonal planar

✖ Sea-saw

✔ T-shaped

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✖ Pyramidal

Question Number : 112 Question Id : 16794311939 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

ClF_3 की संरचना कैसी होती है?

Options :

✖ ट्राईगोनल प्लैनर

✖ सी-सॉ

✔ टी-शेप्ड

✖ पिरामिडल

Question Number : 113 Question Id : 16794311940 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Hybridization of XeF_4 is represented by:

Options :

✖ Sp_2

✖ Sp_3

✖ Sp_3d

✔ Sp_3d_2

Question Number : 113 Question Id : 16794311940 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

XeF_4 का हाइब्रिडाइजेशन किस प्रकार दर्शाया जाता है?

Options :

✖ Sp_2

✖ Sp_3

✖ Sp_3d

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✔ Sp_3d_2

Question Number : 114 Question Id : 16794311941 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Which of the following bonds is the strongest?

Options :

✖ Ionic

✖ Hydrogen

✔ Covalent

✖ Van der waal

Question Number : 114 Question Id : 16794311941 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

निम्नलिखित में से कौन सा आबंध सबसे मजबूत होता है?

Options :

✖ आयनिक

✖ हाइड्रोजन

✔ सहसंयोजी

✖ वान डर वाल

Question Number : 115 Question Id : 16794311942 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Molar conductance, specific conductance _____ with _____in dilution.

Options :

✖ increases, increases

✔ increases, decreases

✖ decreases, increases

✖ decreases, decreases

Question Number : 115 Question Id : 16794311942 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

तनुकरण में वृद्धि के साथ मोलर चालकत्व _____ के साथ विशिष्ट चालकत्व _____ है।

Options :

✗ बढ़ने, बढ़ता

✓ बढ़ने, घटता

✗ घटने, बढ़ता

✗ घटने, घटता

Question Number : 116 Question Id : 16794311943 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Slope = Zero when $\Delta E/\Delta V$ = _____ in potentiometric titrations.

Options :

✓ maximum

✗ minimum

✗ zero

✗ infinity

Question Number : 116 Question Id : 16794311943 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

पोटेंशियोमेट्रिक टाइट्रेशन में जब $\Delta E/\Delta V$ = _____ होता है तो स्लोप (ढलान) शून्य होता है।

Options :

✓ अधिकतम

✗ नयूनतम

✗ शून्य

✗ अनंत

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Question Number : 117 Question Id : 16794311944 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Ion association in electrolyte solution is given by:

Options :

✖ Vant'hoff theory

✖ Debye – huckel theory

✔ Bjerrum theory

✖ Electrolyte theory

Question Number : 117 Question Id : 16794311944 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

विद्युत्-अपघट्य विलयन में आयन एसोसिएशन किसके द्वारा व्यक्त किया जाता है?

Options :

✖ वैन हॉफ सिद्धांत

✖ डेबी-हकल सिद्धांत

✔ बजेरम सिद्धांत

✖ इलेक्ट्रोलाइट सिद्धांत

Question Number : 118 Question Id : 16794311945 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Degree of dissociation α for weak electrolyte is _____ when mole conductance and molar conductance at infinity are given as 4 Sm^2 $mole^{-1}$ and 8 Sm^2 $mole^{-1}$.

Options :

✖ 0

✖ 2

✔ 0.5

✖ 1

Question Number : 118 Question Id : 16794311945 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

हलके (दुर्बल) विद्युत्-अपघट्य के लिए वियोजन की डिग्री α _____ होती है जब मोल चालकत्व और मोलर चालकत्व अनंत पर 4 $Sm^2\ mole^{-1}$ और 8 $Sm^2\ mole^{-1}$ होते है।

Options :

✖ 0

✖ 2

✔ 0.5

✖ 1

Question Number : 119 Question Id : 16794311946 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Calculate the mean ionic activity of 0.01 molal NaCl.

Options :

✔ 0.889

✖ 0.779

✖ 0.669

✖ 0.559

Question Number : 119 Question Id : 16794311946 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

0.01 मोलल NaCl की औसत आयनिक गतिविधि की गणना करें।

Options :

✔ 0.889

✖ 0.779

✖ 0.669

✖ 0.559

Question Number : 120 Question Id : 16794311947 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

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The half life of third-order reaction related to the initial concentration of a reactant (a)is:

Options :

✖ Directly proportional to ' a^2 '

✔ Inversely proportional to ' a^2 '

✖ Inversely proportional to ' $a^{\frac{1}{2}}$ '

✖ Directly proportional to ' $a^{\frac{1}{2}}$ '

Question Number : 120 Question Id : 16794311947 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

किसी अभिकारक (a) की प्रारंभिक सांद्रता से संबंधित तीसरे क्रम की अभिक्रिया की अर्ध आयु कैसी होती है?

Options :

✖ ' a^2 ' के अनुक्रमानुपाती

✔ ' a^2 ' के व्युत्क्रमानुपाती

✖ ' $a^{\frac{1}{2}}$ ' के व्युत्क्रमानुपाती

✖ ' $a^{\frac{1}{2}}$ ' के अनुक्रमानुपाती

Subject Related

Group Number :	7
Group Id :	167943378
Group Maximum Duration :	0
Group Minimum Duration :	0
Revisit allowed for view? :	No
Revisit allowed for edit? :	No
Break time:	0
Group Marks:	20

Subject Related

Section Id :	167943437
Section Number :	1
Section type :	Online

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Mandatory or Optional:	Mandatory
Number of Questions:	20
Number of Questions to be attempted:	20
Section Marks:	20
Display Number Panel:	Yes
Group All Questions:	No

Sub-Section Number:	1
Sub-Section Id:	167943750
Question Shuffling Allowed :	Yes

Question Number : 121 Question Id : 16794311948 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

The rate of reaction becomes two-fold or three-fold for every _____ rise of temperature.

Options :

✖ 1 °C

✔ 10 °C

✖ 100 °C

✖ 5 °C

Question Number : 121 Question Id : 16794311948 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

तापमान की हर _____ वृद्धि के लिए अभिक्रिया की दर दो गुना या तीन गुना हो जाती है।

Options :

✖ 1 °C

✔ 10 °C

✖ 100 °C

✖ 5 °C

Question Number : 122 Question Id : 16794311949 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Which of the following equations represents the mathematical treatment of the classical collision theory?

Options :

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✔ $k= P Z \exp(-E/RT)$

✖ $k= P Z^2 \exp(-E/RT)$

✖ $k= P Z \exp(-1/RT)$

✖ $k= P Z \exp(-E/R)$

Question Number : 122 Question Id : 16794311949 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

निम्नलिखित में से कौन सी समीकरण पारंपरिक संघट्ट सिद्धांत (क्लासिकल कोलिजन थ्योरी) के गणितीय प्रयोग को दर्शाती है?

Options :

✔ $k = P Z \exp(-E/RT)$

✖ $k = P Z^2 \exp(-E/RT)$

✖ $k = P Z \exp(-1/RT)$

✖ $k = P Z \exp(-E/R)$

Question Number : 123 Question Id : 16794311950 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

According to Lindemann-Hinshelwood mechanism of unimolecular reactions, the rate law for the formation of product is:

Options :

✔ $k_1 k_3 [A]^2 / (k_3 + k_2 [A])$

✖ $k_1 k_3 [A] / (k_3 + k_2 [A])$

✖ $k_1 k_3 [A]^2 / (1 + k_2 [A])$

✖ $k_1 k_3 [A]^2 / (k_3 + k_2 [A]^2)$

Question Number : 123 Question Id : 16794311950 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

एकआणविक (यूनीमॉलिक्यूलर) अभिक्रियाओं के लिंडेमैन-हिंशेलवुड मैकेनिज्म के अनुसार, उत्पाद (प्रॉडक्ट) के निर्माण के लिए दर नियम क्या है?

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Options :

✔ $k_1 k_3 [A]^2 / (k_3 + k_2 [A])$

✖ $k_1 k_3 [A] / (k_3 + k_2 [A])$

✖ $k_1 k_3 [A]^2 / (1 + k_2 [A])$

✖ $k_1 k_3 [A]^2 / (k_3 + k_2 [A]^2)$

Question Number : 124 Question Id : 16794311951 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

The conversion of β-glucose to α-glucose in an aqueous solution is an example of:

Options :

✖ Parallel reaction

✔ Reversible reaction

✖ Consecutive reaction

✖ Simple reaction

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Question Number : 124 Question Id : 16794311951 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

एक जलीय विलयन में β-ग्लूकोज का α-ग्लूकोज में रूपांतरण किसका एक उदाहरण है?

Options :

✖ समानांतर अभिक्रिया

✔ उत्क्रमणीय अभिक्रिया

✖ अभिसरण (निरंतर) अभिक्रिया

✖ सरल अभिक्रिया

Question Number : 125 Question Id : 16794311952 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

A plot of **lnk** against **1/T** gives a straight line, whose slope will be given by:

Options :

✖ $-E_a/2.303R$

✖ $-E_a/RT$

✖ $-E_a/2.303RT$

✔ $-E_a/R$

Question Number : 125 Question Id : 16794311952 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

1/T के सामने lnk का ग्राफ (plot) एक सीधी रेखा देता है। इस सीधी रेखा का स्लोप (ढलान) क्या होगा?

Options :

✖ $-E_a/2.303R$

✖ $-E_a/RT$

✖ $-E_a/2.303RT$

✔ $-E_a/R$

Question Number : 126 Question Id : 16794311953 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Flow methods ,first developed by Roughton and Hastridge (1923), allow to measure reaction half time in the range between:

Options :

✖ 10 sec and 10^{-2} sec

✖ 10^{-1} sec and 10^{-4} sec

✔ 10 sec and 10^{-3} sec

✖ 10 sec and 10^{-1} sec

Question Number : 126 Question Id : 16794311953 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

पहली बार रूफटन और हैस्ट्रिज (1923) द्वारा विकसित प्रवाह (फ्लो) विधियां, किस सीमा में अभिक्रिया के आधे समय को मापने की अनुमति देती हैं?

Options :

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✖ 10 sec और 10^{-2} sec

✖ 10^{-1} sec और 10^{-4} sec

✔ 10 sec और 10^{-3} sec

✖ 10 sec और 10^{-1} sec

Question Number : 127 Question Id : 16794311954 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

A first order reaction is 15% complete in 20 minutes. How long will it take to be 60% complete?

Options :

✔ 61.2 sec

✖ 112.7 sec

✖ 78.3 sec

✖ 154.6 sec

Note: For this question, discrepancy is found in question/answer. So,this question is ignored for all candidates.

Question Number : 127 Question Id : 16794311954 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

एक पहले ऑर्डर (क्रम) की अभिक्रिया 20 मिनट में 15% पूर्ण होती है। 60% पूर्ण होने में यह कितना समय लेगी?

Options :

✔ 61.2 sec

✖ 112.7 sec

✖ 78.3 sec

✖ 154.6 sec

Note: For this question, discrepancy is found in question/answer. So,this question is ignored for all candidates.

Question Number : 128 Question Id : 16794311955 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Osmotic pressure of solution is 0.3284 atm at a temperature of 300 K. The concentration in mole/litre will be:

Options :

✖ 0.033

✖ 0.066

✔ 0.0133

✖ 0.133

Question Number : 128 Question Id : 16794311955 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

300 K तापमान पर एक विलयन का परासरण दाब 0.3284 वायुमंडलीय दाब (atm) है। सांद्रता mole/litre में क्या होगी?

Options :

✖ 0.033

✖ 0.066

✔ 0.0133

✖ 0.133

Question Number : 129 Question Id : 16794311956 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

6 g of urea is dissolved in 90 g of boiling water. The vapour pressure of the solution is:

Options :

✖ 760.3 mm

✖ 761.0 mm

✖ 758.2 mm

✔ 744.8 mm

Question Number : 129 Question Id : 16794311956 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

यूरिया के 6 g को 90 g उबलते पानी में घोला जाता है। विलयन का वाष्प दबाव क्या होगा?

Options :

✖ 760.3 mm

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✖ 761.0 mm

✖ 758.2 mm

✔ 744.8 mm

Question Number : 130 Question Id : 16794311957 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

If NaCl ionizes to an extent of 100% in aqueous solution, the value of van't Hoff factor is:

Options :

✖ 1

✔ 2

✖ 3

✖ 0

Question Number : 130 Question Id : 16794311957 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

यदि NaCl जलीय विलयन में 100% तक आयनित हो जाता है, तो वैन हॉफ कारक का मान क्या होगा?

Options :

✖ 1

✔ 2

✖ 3

✖ 0

Question Number : 131 Question Id : 16794311958 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

The SI unit of molality is:

Options :

✖ $mole.lit^{-1}$

✖ $g.equivalent.Kg^{-1}$

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✔ $mole.Kg^{-1}$

✖ $mole.ml^{-1}$

Question Number : 131 Question Id : 16794311958 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

मोलालिटी की एसआई (SI) इकाई क्या है?

Options :

✖ $mole.lit^{-1}$

✖ $g.equivalent.Kg^{-1}$

✔ $mole.Kg^{-1}$

✖ $mole.ml^{-1}$

Question Number : 132 Question Id : 16794311959 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

The solution containing 3.4 g of non-ionic solute in 100 g of water was found to be frozen at -0.47 °C (K_f of water is $1.86\ K.kg.mole^{-1}$). The molar mass of the solute is:

Options :

✖ 13.5

✖ 67.25

✖ 33

✔ 134.5

Question Number : 132 Question Id : 16794311959 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

100 g पानी में 3.4 g नॉन-आयनिक विलेय वाले विलयन को -0.47 °C पर जमा हुआ पाया गया। (पानी की K_f $1.86\ K.kg.mole^{-1}$ है) विलेय का मोलर द्रव्यमान क्या है?

Options :

✖ 13.5

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✖ 67.25

✖ 33

✔ 134.5

Question Number : 133 Question Id : 16794311960 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Which of the following pairs of solutions shows large positive deviations from ideal behavior?

Options :

✖ Cyclohexane-carbon tetrachloride

✔ Water-propyl alcohol

✖ Water-nitric acid

✖ Acetone-chloroform

Question Number : 133 Question Id : 16794311960 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

विलयन के निम्नलिखित युग्म से कौन सा आदर्श व्यवहार से बड़ा धनात्मक विचलन दिखाता है?

Options :

✖ साइक्लोहेक्सेन - कार्बन टेट्राक्लोराइड

✔ वाटर - प्रोपिल अल्कोहल

✖ वाटर - नाइट्रिक एसिड

✖ एसीटोन - क्लोरोफॉर्म

Question Number : 134 Question Id : 16794311961 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

The partial pressure of bromine over a bromine-carbon tetrachloride solution, containing mole fraction of bromine equal to 0.05, is 5.12 Torr. If the vapour pressure of pure bromine at the same temperature is 217 Torr, the activity coefficient of bromine in the given solution is:

Options :

✖ 0.47

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✔ 0.94

✖ 1.93

✖ 0.768

Question Number : 134 Question Id : 16794311961 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

एक ब्रोमीन-टेट्राक्लोराइड विलयन में ब्रोमीन का आंशिक दाब 5.12 टोर (Torr) है, जिसमें ब्रोमीन 0.05 मोल (mole) अंश के बराबर है। यदि उसी तापमान पर शुद्ध ब्रोमीन का वाष्प दाब 217 टोर (Torr) है, तो दिए गए विलयन में ब्रोमीन का गतिविधि गुणांक क्या होगा?

Options :

✖ 0.47

✔ 0.94

✖ 1.93

✖ 0.768

Question Number : 135 Question Id : 16794311962 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

100 mL of 1 M HCl, 200 mL of 2 M HCl and 300 mL of 3 M HCl is mixed. The molarity of the resulting solution is:

Options :

✖ 1 M

✖ 2.66 M

✔ 2.33 M

✖ 4.25 M

Question Number : 135 Question Id : 16794311962 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

1 M HCl का 100 mL, 2 M HCl का 200 mL और 3 M HCl का 300 mL मिश्रित किया जाता है। प्राप्त हुए विलयन की मोलारिटी क्या है?

Options :

✖ 1 M

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✖ 2.66 M

✔ 2.33 M

✖ 4.25 M

Question Number : 136 Question Id : 16794311963 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

What is/are the total number of degrees of freedom for 'A eutectic mixture in a binary system'?

Options :

✖ 0

✖ 1

✔ 2

✖ 3

Question Number : 136 Question Id : 16794311963 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

'एक बाइनरी सिस्टम में एक यूटेक्टिक मिश्रण' के लिए स्वतंत्रता की कोटि की संख्या क्या होगी?

Options :

✖ 0

✖ 1

✔ 2

✖ 3

Question Number : 137 Question Id : 16794311964 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Which of the following is an extensive property?

Options :

✖ Pressure

✖ Temperature

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✔ Volume

✖ Density

Question Number : 137 Question Id : 16794311964 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

निम्नलिखित में से कौन सा एक व्यापक गुण है?

Options :

✖ दबाव

✖ तापमान

✔ आयतन

✖ घनत्व

Question Number : 138 Question Id : 16794311965 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

The equilibrium constant of a reaction doubles on raising temperature from 25 °C to 35 °C, then ΔH° for the reaction ($kJ\ mol^{-1}$) is:

Options :

✖ 37.2

✔ 52.8

✖ 76.3

✖ 98.2

Question Number : 138 Question Id : 16794311965 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

एक अभिक्रिया का साम्यावस्था स्थिरांक तापमान के 25 °C से 35 °C बढ़ाने पर दोगुना हो जाता है, तब अभिक्रिया के लिए ΔH° ($kJ\ mol^{-1}$) क्या होगी?

Options :

✖ 37.2

✔ 52.8

✖ 76.3

✖ 98.2

Question Number : 139 Question Id : 16794311966 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

For a given reaction $N_{2(g)} + 3H_{2(g)} \rightleftharpoons 2NH_{3(g)}, \Delta H = -92.38kJ$, the favourable condition for formation of Ammonia is:

Options :

✖ High temperature, low pressure

✖ Low temperature, low pressure

✖ High temperature, high pressure

✔ Low temperature, high pressure

Question Number : 139 Question Id : 16794311966 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

एक दी गई अभिक्रिया के लिए $N_{2(g)} + 3H_{2(g)} \rightleftharpoons 2NH_{3(g)}, \Delta H = -92.38kJ$, अमोनिया के निर्माण के लिए अनुकूल परिस्थितियां क्या हैं?

Options :

✖ उच्च तापमान, निम्न दबाव

✖ निम्न तापमान, निम्न दबाव

✖ उच्च तापमान, उच्च दबाव

✔ निम्न तापमान, उच्च दबाव

Question Number : 140 Question Id : 16794311967 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Which of the following relations represents Ostwald dilution law?

Options :

✔ $K = \frac{C\alpha^2}{(1-\alpha)}$

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$K = \frac{C\alpha}{(1-\alpha^2)}$

$K = \frac{C}{(1-\alpha)}$

$K = \frac{\alpha^2}{(1-\alpha C)}$

Question Number : 140 Question Id : 16794311967 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

निम्नलिखित में से कौन सा संबंध (समीकरण) ओस्टवाल्ड तनुकरण नियम को दर्शाता है?

Options :

$K = \frac{C\alpha^2}{(1-\alpha)}$

$K = \frac{C\alpha}{(1-\alpha^2)}$

$K = \frac{C}{(1-\alpha)}$

$K = \frac{\alpha^2}{(1-\alpha C)}$

Subject Related

Group Number :	8
Group Id :	167943379
Group Maximum Duration :	0
Group Minimum Duration :	0
Revisit allowed for view? :	No
Revisit allowed for edit? :	No
Break time:	0
Group Marks:	20

Subject Related

Section Id :	167943438
Section Number :	1
Section type :	Online
Mandatory or Optional:	Mandatory
Number of Questions:	20
Number of Questions to be attempted:	20

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Section Marks: 20
Display Number Panel: Yes
Group All Questions: No

Sub-Section Number: 1
Sub-Section Id: 167943751
Question Shuffling Allowed : Yes

Question Number : 141 Question Id : 16794311968 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical
Correct : 1 Wrong : 0.25

298 K पर $PbSO_4$ का विलेयता गुणांक 2.5×10^{-9} है। $PbSO_4$ की विलेयता mol litre^{-1} में क्या होगी?

Options :

✗ 0.5×10^{-6}

✓ 5.0×10^{-5}

✗ 5.0×10^{-3}

✗ 0.5×10^{-3}

Question Number : 141 Question Id : 16794311968 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical
Correct : 1 Wrong : 0.25

The solubility product of $PbSO_4$ is 2.5×10^{-9} at 298 K. The solubility of $PbSO_4$ in mol litre^{-1} is:

Options :

✗ 0.5×10^{-6}

✓ 5.0×10^{-5}

✗ 5.0×10^{-3}

✗ 0.5×10^{-3}

Question Number : 142 Question Id : 16794311969 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical
Correct : 1 Wrong : 0.25

The P^H of 0.01M solution of NH_4Cl in water at 25°C is: (Given that K_b for ammonium hydroxide $= 1.81 \times 10^{-5}$ & $K_W = 1.008 \times 10^{-14}$)

Options :

✗ 12.26

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✔ 5.63

✖ 10.24

✖ 4.32

Question Number : 142 Question Id : 16794311969 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

25 °C पर पानी में NH_4Cl के 0.01M विलयन की P^H क्या है? (दिया गया है अमोनियम हाइड्रोक्साइड के लिए $K_b = 1.81 \times 10^{-5}$ और $K_W = 1.008 \times 10^{-14}$)

Options :

✖ 12.26

✔ 5.63

✖ 10.24

✖ 4.32

Question Number : 143 Question Id : 16794311970 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

The hydrolysis constant for the salts of weak base and weak acid is:

Options :

✔ $\frac{K_W}{(K_a.K_b)}$

✖ $K_W.(K_aK_b)$

✖ $\frac{K_W}{K_a.}$

✖ $\frac{K_W}{K_b}$

Question Number : 143 Question Id : 16794311970 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

तनु क्षार और तनु अम्ल के लवणों के लिए जल-अपघटन का स्थिरांक क्या होगा?

Options :

✔ $\frac{K_W}{(K_a.K_b)}$

✖ $K_W.(K_aK_b)$

✖ $\frac{K_W}{K_a}$

✖ $\frac{K_W}{K_b}$

Question Number : 144 Question Id : 16794311971 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

The P^H of a solution, obtained by mixing 5 g of acetic acid and 7.5 g of sodium acetate, and making the volume equal to 500 ml, is (given that dissociation constant of acetic acid at 25 °C is 1.8×10^{-5}):

Options :

✖ 3.45

✔ 4.78

✖ 5.89

✖ 6.98

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Question Number : 144 Question Id : 16794311971 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

5 g एसिटिक अम्ल और 7.5 g सोडियम एसीटेट को मिलाकर 500 ml आयतन के बराबर बनाए गए विलयन की P^H क्या होगा? (दिया गया है 25 °C पर एसिटिक अम्ल का वियोजन स्थिरांक 1.8×10^{-5} है)।

Options :

✖ 3.45

✔ 4.78

✖ 5.89

✖ 6.98

Question Number : 145 Question Id : 16794311972 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Which of the following expressions represents the criterion for a reaction to be labelled spontaneous?

Options :

✔ $(dS)_{U,V} > 0$

✖ $(dU)_{S,V} > 0$

✖ $(dG)_{T,P} > 0$

✖ $(dH)_{S,P} > 0$

Question Number : 145 Question Id : 16794311972 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

निम्नलिखित में से कौन सा व्यंजक किसी अभिक्रिया के स्वचालित होने के लिए मापदंड को दर्शाती है?

Options :

✔ $(dS)_{U,V} > 0$

✖ $(dU)_{S,V} > 0$

✖ $(dG)_{T,P} > 0$

✖ $(dH)_{S,P} > 0$

Question Number : 146 Question Id : 16794311973 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Which of the following empirical equations represents Freundlich adsorption isotherm?

Options :

✔ $\frac{x}{m} = kp^{\frac{1}{n}}$

✖ $x.m = kp^{\frac{1}{n}}$

✖ $\frac{m}{x} = kp^{\frac{1}{n}}$

✖ $\frac{x}{m} = \frac{k^{\frac{1}{n}}}{p}$

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Question Number : 146 Question Id : 16794311973 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

निम्नलिखित में से कौन सी मूलानुपाती समीकरण फ्रयूंडलिच ऐड्सॉर्प्शन आइसथर्म को दर्शाती है?

Options :

✔ $\frac{x}{m} = kp^{\frac{1}{n}}$

✖ $x.m = kp^{\frac{1}{n}}$

✖ $\frac{m}{x} = kp^{\frac{1}{n}}$

✖ $\frac{x}{m} = \frac{k^{\frac{1}{n}}}{p}$

Question Number : 147 Question Id : 16794311974 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

A transition, for which first derivative of the chemical potential with respect to temperature at constant pressure is discontinuous, is classified as:

Options :

✔ First order phase transition

✖ Second order phase transition

✖ Zero order phase transition

✖ Lambda transition

Question Number : 147 Question Id : 16794311974 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

कोई परिवर्तन, जिसके लिए स्थिर दबाव पर तापमान के संबंध में रासायनिक क्षमता का पहला व्युत्पन्न असंतुलित है, को किस प्रकार वर्गीकृत किया जाता है?

Options :

✔ फर्स्ट ऑर्डर फेज ट्रांजीशन

✖ सेकंड ऑर्डर फेज ट्रांजीशन

✖ जीरो ऑर्डर फेज ट्रांजीशन

✖ लैम्ब्डा ट्रांजीशन

Question Number : 148 Question Id : 16794311975 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

The increase in entropy on mixing Neon and Xenon, the mole fractions of which are, $\frac{1}{5}$ and $\frac{4}{5}$, respectively, is: (in cal degree^{-1} mol^{-1})

Options :

✖ 5.76

✖ 1.24

✖ 4.36

✔ 3.64

Question Number : 148 Question Id : 16794311975 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

निऑन और जेनॉन, जिनका मोल अंश क्रमशः $\frac{1}{5}$ और $\frac{4}{5}$ है, को मिश्रित करने पर एंट्रॉपी में कितनी वृद्धि होती है? (cal degree^{-1} mol^{-1} में)

Options :

✖ 5.76

✖ 1.24

✖ 4.36

✔ 3.64

Question Number : 149 Question Id : 16794311976 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

The temperature coefficient of EMF of the cell is:

Options :

✖ $(\partial E/\partial P)_T$

✖ $(\partial T/\partial P)_E$

✔ $(\partial E/\partial T)_P$

✖ $(\partial T/\partial E)_P$

Question Number : 149 Question Id : 16794311976 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

सेल के ई.एम.एफ. का तापमान गुणांक क्या है?

Options :

✖ $(\partial E/\partial P)_T$

✖ $(\partial T/\partial P)_E$

✔ $(\partial E/\partial T)_P$

✖ $(\partial T/\partial E)_P$

Question Number : 150 Question Id : 16794311977 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

C_V for Uranium metal is 6.08 JK^{-1} mol^{-1} at 20 K. The absolute entropy of the metal in JK^{-1} mol^{-1} at 20 K is:

Options :

✖ 1.01

✔ 2.02

✖ 3.03

✖ 4.04

Question Number : 150 Question Id : 16794311977 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

यूरेनियम धातु की C_V 20 K पर 6.08 JK^{-1} mol^{-1} है। 20 K पर धातु की परम एंट्रॉपी JK^{-1} mol^{-1} में क्या है?

Options :

✖ 1.01

✔ 2.02

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✖ 3.03

✖ 4.04

Question Number : 151 Question Id : 16794311978 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

The change in internal energy and change in enthapy, respectively, for the reversible isothermal expansion of one mole of an ideal gas at 27 °C, from a volume of 20 dm^3 to a volume 0f 30 dm^3, are:

Options :

✖ 0 J, 20 J

✖ 10 J, 20 J

✔ 0 J, 0 J

✖ 20 J, 0 J

Question Number : 151 Question Id : 16794311978 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

27 °C पर एक आदर्श गैस के एक मोल का, 20 dm^3 आयतन से 30 dm^3 आयतन के लिए, क्रमशः उत्क्रमणीय समतापीय प्रसार (रिवर्सबल आइसोथर्मल एक्सपेंशन) का आंतरिक ऊर्जा में परिवर्तन और एंथापी में परिवर्तन क्या होगा?

Options :

✖ 0 J, 20 J

✖ 10 J, 20 J

✔ 0 J, 0 J

✖ 20 J, 0 J

Question Number : 152 Question Id : 16794311979 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

According to Langmuir adsorption isotherm, a plot of '(p/v)' versus 'p' will give a straight line with slope equal to:

Options :

✖ V_{mono}

✗ $\frac{K}{v_{mono}}$

✗ $\frac{1}{Kv_{mono}}$

✓ $\frac{1}{v_{mono}}$

Question Number : 152 Question Id : 16794311979 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

लंगमुइर ऐड्सॉर्प्शन आइसथर्म के अनुसार, '(p/v)' और 'p' एक सीधी रेखा का ग्राफ देता है जिसका स्लोप (ढलान) निम्नलिखित में से किसके बराबर होगा?

Options :

✗ V_{mono}

✗ $\frac{K}{v_{mono}}$

✗ $\frac{1}{Kv_{mono}}$

✓ $\frac{1}{v_{mono}}$

Question Number : 153 Question Id : 16794311980 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Cheese is an example of:

Options :

✗ Solid in liquid

✗ Gas in solid

✓ Liquid in solid

✗ Solid in solid

Question Number : 153 Question Id : 16794311980 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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Correct : 1 Wrong : 0.25

चीज (Cheese) किसका एक उदहारण है?

Options :

✗ द्रव में ठोस का

✗ ठोस में गैस का

✓ ठोस में द्रव का

✗ ठोस में ठोस का

Question Number : 154 Question Id : 16794311981 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Which of the following types of catalysis can be explained by the adsorption theory?

Options :

✗ Homogeneous catalysis

✓ Heterogeneous catalysis

✗ Enzyme catalysis

✗ Autocatalysis

Question Number : 154 Question Id : 16794311981 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

अधिशोषण सिद्धांत के द्वारा निम्नलिखित में से किस प्रकार के उत्प्रेरण को समझाया जा सकता है?

Options :

✗ समजातीय उत्प्रेरण

✓ विषमजातीय उत्प्रेरण

✗ एंजाइम उत्प्रेरण

✗ स्वउत्प्रेरण

Question Number : 155 Question Id : 16794311982 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

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How many times Al^{+3} ion is more effective than Na^{+} ion in flocculating a negatively charged sol?

Options :

✖ Two times

✖ Six times

✔ Nine times

✖ Three times

Question Number : 155 Question Id : 16794311982 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Na^{+} की तुलना में Al^{+3} एक ऋणात्मक आवेशित सोल को अवक्षेप (फ्लाक्यलेटिंग) करने में कितने गुना प्रभावशाली हैं?

Options :

✖ दो गुना

✖ छः गुना

✔ नौ गुना

✖ तीन गुना

Question Number : 156 Question Id : 16794311983 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

The coagulating power of an electrolyte for As_2S_3 decreases in the order:

Options :

✖ $Na^{+} > Al^{+3} > Ba^{+2}$

✖ $PO_4^{-3} > SO_4^{2-} > Cl^{-}$

✖ $PO_4^{-3} < SO_4^{2-} > Cl^{-}$

✔ $Al^{+3} > Mg^{+2} > Na^{+}$

Question Number : 156 Question Id : 16794311983 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

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एक विद्युत्-अपघट्य की As_2S_3 के लिए स्कंदित करने की शक्ति किस क्रम में घटती है?

Options :

✗ $Na^+ > Al^{+3} > Ba^{+2}$

✗ $PO_4^{-3} > SO_4^{2-} > Cl^-$

✗ $PO_4^{-3} < SO_4^{2-} > Cl^-$

✓ $Al^{+3} > Mg^{+2} > Na^+$

Question Number : 157 Question Id : 16794311984 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Which of the following are favourable conditions for physical adsorption?

Options :

✓ Low temperature, high pressure

✗ High temperature, high pressure

✗ High temperature, low pressure

✗ Low temperature, low pressure

Question Number : 157 Question Id : 16794311984 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

भौतिक अधिशोषण के लिए निम्नलिखित में से कौन सी स्थितियां अनुकूल हैं?

Options :

✓ निम्न तापमान, उच्च दबाव

✗ उच्च तापमान, उच्च दबाव

✗ उच्च तापमान, निम्न दबाव

✗ निम्न तापमान, निम्न दबाव

Question Number : 158 Question Id : 16794311985 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

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At critical micelle concentration (CMC), the surfactant molecules:

Options :

✖ Decompose

✖ Become completely soluble

✔ Associate

✖ Dissociate

Question Number : 158 Question Id : 16794311985 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

क्रिटिकल मिसेल कंसंट्रेशन (सी.एम.सी.) पर, पृष्ठसक्रियकारक (सर्फैक्टेंट) अणुओं का क्या होता है?

Options :

✖ अपघटित हो जाते हैं

✖ पूर्ण घुलनशील बन जाते हैं

✔ सहयोगी हो जाते है

✖ पृथक हो जाते है

Question Number : 159 Question Id : 16794311986 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

According to Bronsted-Lowry concept, an acid is a substance that has a tendency to:

Options :

✖ Donate an electron

✔ Donate a proton

✖ Accept an electron

✖ Accept a proton

Question Number : 159 Question Id : 16794311986 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

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ब्रोंस्टेड-लोरी अवधारणा के अनुसार, एक अम्ल एक ऐसा पदार्थ होता है जिसमें _____ प्रवृत्ति होती है

Options :

✗ इलेक्ट्रॉन देने की

✓ प्रोटॉन देने की

✗ इलेक्ट्रॉन लेने की

✗ प्रोटॉन लेने की

Question Number : 160 Question Id : 16794311987 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

What is the result for the following calculation with appropriate number of significant figures?

$$\frac{72.46}{0.000523\times3.249\times10^{3}}$$

Options :

✓ 42.6

✗ 42.64

✗ 42.643

✗ 42.6429

Question Number : 160 Question Id : 16794311987 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

सार्थक अंक उपयुक्त संख्या के साथ निम्नलिखित गणना का परिणाम क्या होगा?

$$\frac{72.46}{0.000523\times3.249\times10^{3}}$$

Options :

✓ 42.6

✗ 42.64

✗ 42.643

✗ 42.6429

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Subject Related

Group Number : 9
Group Id : 167943380
Group Maximum Duration : 0
Group Minimum Duration : 0
Revisit allowed for view? : No
Revisit allowed for edit? : No
Break time: 0
Group Marks: 20

Subject Related

Section Id : 167943439
Section Number : 1
Section type : Online
Mandatory or Optional: Mandatory
Number of Questions: 20
Number of Questions to be attempted: 20
Section Marks: 20
Display Number Panel: Yes
Group All Questions: No

Sub-Section Number: 1
Sub-Section Id: 167943752
Question Shuffling Allowed : Yes

Question Number : 161 Question Id : 16794311988 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

The SI unit for temperature is:

Options :

✔ kelvin (K)

✖ kelvin/sec

✖ degree centigrade (°C)

✖ candela

Question Number : 161 Question Id : 16794311988 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

तापमान की एस.आई. (SI) इकाई क्या है?

Options :

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✔ केल्विन (K)

✖ केल्विन/सेकंड

✖ डिग्री सेंटीग्रेड (°C)

✖ कैनडेला (candela)

Question Number : 162 Question Id : 16794311989 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

The total number of ions present in 58.44 g of NaCl is:

Options :

✖ 6.023×10^{23}

✔ 1.205×10^{24}

✖ 6.023×10^{24}

✖ 1.205×10^{23}

Question Number : 162 Question Id : 16794311989 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

58.44 g NaCl में उपस्थित आयनों की कुल संख्या कितनी है?

Options :

✖ 6.023×10^{23}

✔ 1.205×10^{24}

✖ 6.023×10^{24}

✖ 1.205×10^{23}

Question Number : 163 Question Id : 16794311990 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

The percentage composition of nitrogen in urea is:

Options :

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✖ 6.67 %

✔ 46.67 %

✖ 20 %

✖ 26.67 %

Question Number : 163 Question Id : 16794311990 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

यूरिया में नाइट्रोजन का प्रतिशत संयोजन क्या है?

Options :

✖ 6.67 %

✔ 46.67 %

✖ 20 %

✖ 26.67 %

Question Number : 164 Question Id : 16794311991 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

The ratio of the masses of oxygen that are combined with one gram of nitrogen in the compounds N_2O_3 and NO is 3 : 2. This statement is correct as per which law?

Options :

✖ Law of conservation of mass

✖ Law of definite proportions

✔ Law of multiple proportions

✖ Gay Lussac's law of gaseous volumes

Question Number : 164 Question Id : 16794311991 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

यौगिकों N_2O_3 और NO में एक ग्राम नाइट्रोजन के साथ संयुक्त ऑक्सीजन के द्रव्यमान का अनुपात 3 : 2 है यह कथन किस नियम के अनुसार सही है?

Options :

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✖ द्रव्यमान के संरक्षण का नियम

✖ निश्चित अनुपात का नियम

✔ बहु अनुपात का नियम

✖ गैसीय आयतन का गे-लुसैक का नियम

Question Number : 165 Question Id : 16794311992 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

What is the limiting reactant, and what amount of $Ni(OH)_2$ is formed when 25.9 g of $NiCl_2$ reacts with 10 g of NaOH?

Options :

✖ $NiCl_2$ and 11.6 g of $Ni(OH)_2$

✖ $NiCl_2$ and 5.8 g of $Ni(OH)_2$

✖ NaOH and 5.8 g of $Ni(OH)_2$

✔ NaOH and 11.6 g of $Ni(OH)_2$

Question Number : 165 Question Id : 16794311992 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

जब 25.9 g $NiCl_2$ 10 g NaOH के साथ अभिक्रिया करता है तो सीमित अभिकारक कौन है, और $Ni(OH)_2$ की कितनी मात्रा बनती है?

Options :

✖ $NiCl_2$ और 11.6 g of $Ni(OH)_2$

✖ $NiCl_2$ और 5.8 g of $Ni(OH)_2$

✖ NaOH और 5.8 g of $Ni(OH)_2$

✔ NaOH और 11.6 g of $Ni(OH)_2$

Question Number : 166 Question Id : 16794311993 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

An organic compound contains 38.7 % C and 9.7 % H by mass. Its molar mass is 62.1 g/mol. What is its molecular formula?

Options :

✔ $C_2H_6O_2$

✖ CH_3O

✖ $C_6H_{12}O_6$

✖ $C_3H_4O_2$

Question Number : 166 Question Id : 16794311993 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

एक कार्बनिक यौगिक में द्रव्यमान के अनुसार 38.7 % कार्बन (C) और 9.7 % हाइड्रोजन (H) है इसका मोलर द्रव्यमान 62.1 g/mol है। इसका आण्विक सूत्र क्या है?

Options :

✔ $C_2H_6O_2$

✖ CH_3O

✖ $C_6H_{12}O_6$

✖ $C_3H_4O_2$

Question Number : 167 Question Id : 16794311994 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

The equivalent weights of $AlCl_3$ and BiOCl, respectively, in a precipitation titration with $AgNO_3$, are (M = molecular weight):

Options :

✖ M and M/3

✖ M/3 and M/3

✔ M/3 and M

✖ M and M

Question Number : 167 Question Id : 16794311994 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

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$AgNO_3$ के साथ $AlCl_3$ और BiOCl की अवक्षेपण टाइट्रेशन में क्रमशः तुल्यंकी भार क्या है? (M = आणविक वजन):

Options :

✗ M और M/3

✗ M/3 और M/3

✓ M/3 और M

✗ M और M

Question Number : 168 Question Id : 16794311995 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

The wavelength of photons having energy 3 eV is:

Options :

✗ 6625 Å

✓ 4140 Å

✗ 3312 Å

✗ 3000 Å

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Question Number : 168 Question Id : 16794311995 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

3 eV उर्जा वाले फोटोन की तरंगदैर्ध्य क्या होती है?

Options :

✗ 6625 Å

✓ 4140 Å

✗ 3312 Å

✗ 3000 Å

Question Number : 169 Question Id : 16794311996 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

What is the frequency of the radiation corresponding to the spectral line of lowest energy in Lyman series in the H- atomic spectrum?

Options :

✔ $2.47 \times 10^{15}\ s^{-1}$

✖ $1.22 \times 10^{-7} s^{-1}$

✖ $1.64 \times 10^{-18} s^{-1}$

✖ $3.28 \times 10^{36}\ s^{-1}$

Question Number : 169 Question Id : 16794311996 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

H-परमाणु स्पेक्ट्रम में लाइमैन सीरीज (श्रृंखला) में सबसे कम ऊर्जा की वर्णक्रमीय रेखा से संबंधित विकिरण की आवृत्ति क्या है?

Options :

✔ $2.47 \times 10^{15}\ s^{-1}$

✖ $1.22 \times 10^{-7} s^{-1}$

✖ $1.64 \times 10^{-18}\ s^{-1}$

✖ $3.28 \times 10^{36}\ s^{-1}$

Question Number : 170 Question Id : 16794311997 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

The momentum of a particle with de-Broglie wavelength of 5 Å is:

Options :

✖ $1.33 \times 10^{-24} ms^{-1}$

✖ $1.33 \times 10^{-24}\ s^{-1}$

✔ $1.33 \times 10^{-24} kgms^{-1}$

✖ $1.33 \times 10^{-24} kgm^{-1} s$

Question Number : 170 Question Id : 16794311997 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

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5 Å की डी-ब्रोग्ली (de-Broglie) तरंगदैर्ध्य वाले कण का संवेग क्या होता है?

Options :

✖ $1.33 \times 10^{-24}\ ms^{-1}$

✖ $1.33 \times 10^{-24}\ s^{-1}$

✔ $1.33 \times 10^{-24} kgms^{-1}$

✖ $1.33 \times 10^{-24} kgm^{-1}s$

Question Number : 171 Question Id : 16794311998 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

The uncertainty in the position of an object, moving at a certain speed and weighing 10 g, is 10^{-2} m. The uncertainty in its velocity is:

Options :

✖ $2.63 \times 10^{-31} m\ s^{-1}$

✖ $5.27 \times 10^{-29} m\ s^{-1}$

✖ $2.63 \times 10^{-29} m\ s^{-1}$

✔ $5.27 \times 10^{-31} m\ s^{-1}$

Question Number : 171 Question Id : 16794311998 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

10 g भार और एक निश्चित चाल से गति करती वस्तु की स्थिति में अनिश्चितता 10^{-2} m है। इसकी वेग में अनिश्चितता क्या होगी?

Options :

✖ $2.63 \times 10^{-31} m\ s^{-1}$

✖ $5.27 \times 10^{-29} m\ s^{-1}$

✖ $2.63 \times 10^{-29} m\ s^{-1}$

✔ $5.27 \times 10^{-31} m\ s^{-1}$

Question Number : 172 Question Id : 16794311999 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

The correct set of quantum numbers that describe the differentiating electrons of Si is:

Options :

✔ $n = 3,\ l = 1,\ m_1 = 0 \text{ and } m_s = +\frac{1}{2}$

✖ $n = 3,\ l = 0,\ m_1 = +1 \text{ and } m_s = +\frac{1}{2}$

✖ $n = 3,\ l = 1,\ m_1 = 0 \text{ and } m_s = -\frac{1}{2}$

✖ $n = 3,\ l = 2,\ m_1 = 0 \text{ and } m_s = -\frac{1}{2}$

Question Number : 172 Question Id : 16794311999 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Si के अलग-अलग इलेक्ट्रॉनों का वर्णन करने वाले क्वांटम संख्याओं का सही सेट क्या है?

Options :

✔ $n = 3, l = 1,\ m_1 = 0 \text{ and } m_s = +\frac{1}{2}$

✖ $n = 3,\ l = 0,\ m_1 = +1 \text{ and } m_s = +\frac{1}{2}$

✖ $n = 3,\ l = 1,\ m_1 = 0 \text{ and } m_s = -\frac{1}{2}$

✖ $n = 3,\ l = 2,\ m_1 = 0 \text{ and } m_s = -\frac{1}{2}$

Question Number : 173 Question Id : 16794312000 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

The Schrodinger's wave equation is:

Options :

✖ $\frac{\partial^2\psi}{\partial x^2} + \frac{\partial^2\psi}{\partial y^2} + \frac{\partial^2\psi}{\partial z^2} + \frac{8\pi m}{h^2}(E - V)\psi = 0$

✔ $\frac{\partial^2\psi}{\partial x^2}+\frac{\partial^2\psi}{\partial y^2}+\frac{\partial^2\psi}{\partial z^2}+\frac{8\pi^2 m}{h^2}(E-V)\psi=0$

✖ $\frac{\partial^2\psi}{\partial x^2}+\frac{\partial^2\psi}{\partial y^2}+\frac{\partial^2\psi}{\partial z^2}+\frac{8\pi^2 m}{h}(E+V)\psi=0$

✖ $\frac{\partial^2\psi}{\partial x^2}+\frac{\partial^2\psi}{\partial y^2}+\frac{\partial^2\psi}{\partial z^2}+\frac{8\pi m^2}{h^2}(E-V)\psi=0$

Question Number : 173 Question Id : 16794312000 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

श्रोडिंगर तरंग समीकरण क्या है?

Options :

✖ $\frac{\partial^2\psi}{\partial x^2}+\frac{\partial^2\psi}{\partial y^2}+\frac{\partial^2\psi}{\partial z^2}+\frac{8\pi m}{h^2}(E-V)\psi=0$

✔ $\frac{\partial^2\psi}{\partial x^2}+\frac{\partial^2\psi}{\partial y^2}+\frac{\partial^2\psi}{\partial z^2}+\frac{8\pi^2 m}{h^2}(E-V)\psi=0$

✖ $\frac{\partial^2\psi}{\partial x^2}+\frac{\partial^2\psi}{\partial y^2}+\frac{\partial^2\psi}{\partial z^2}+\frac{8\pi^2 m}{h}(E-V)\psi=0$

✖ $\frac{\partial^2\psi}{\partial x^2}+\frac{\partial^2\psi}{\partial y^2}+\frac{\partial^2\psi}{\partial z^2}+\frac{8\pi m^2}{h^2}(E-V)\psi=0$

Question Number : 174 Question Id : 16794312001 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Which of the following statements is correct?

Options :

✖ The number of angular nodes is equal to $n-l-1$

✖ The number of radial nodes is equal to $n-1$

✔ Total number of nodes equal to $n-1$

✖ The number of radial nodes is equal to l

Question Number : 174 Question Id : 16794312001 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

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निम्नलिखित कथनों में से कौन सा सही है?

Options :

✖ एंगुलर नोड्स की संख्या $n-l-1$ के बराबर होती है

✖ रेडियल नोड्स की संख्या $n-1$ के बराबर होती है

✔ नोड्स की कुल संख्या $n-1$ के बराबर होती है

✖ रेडियल नोड्स की संख्या l के बराबर होती है

Question Number : 175 Question Id : 16794312002 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

The Aufbau principle implies that a new electron will enter an orbital for which:

Options :

✖ n has lower value

✖ l has lower value

✔ The value of $(n+l)$ is minimum

✖ The value of $(n+l)$ is maximum

Question Number : 175 Question Id : 16794312002 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

औफबाऊ सिद्धांत का तात्पर्य है की एक नया इलेक्ट्रॉन उस कक्षा में प्रवेश करेगा जिसके लिए निम्नलिखित में से क्या सही है?

Options :

✖ n का मान कम हो

✖ l का मान कम हो

✔ $(n+l)$ का मान न्यूनतम हो

✖ $(n+l)$ का मान अधिकतम हो

Question Number : 176 Question Id : 16794312003 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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Correct : 1 Wrong : 0.25

Eka-aluminium and Eka-silicon, respectively, are references to:

Options :

✖ Aluminium and Silicon

✔ Gallium and Germanium

✖ Germanium and Gallium

✖ Silicon and Aluminium

Question Number : 176 Question Id : 16794312003 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

इका-एलुमिनियम और इका-सिलिकॉन क्रमशः किसे संबंधित हैं?

Options :

✖ एलुमिनियम और सिलिकॉन

✔ गैलियम और जर्मेनियम

✖ जर्मेनियम और गैलियम

✖ सिलिकॉन और एलुमिनियम

Question Number : 177 Question Id : 16794312004 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

What is the IUPAC name of the element with atomic number 111?

Options :

✖ Unnilennium

✖ Ununnilium

✔ Unununium

✖ Ununbium

Question Number : 177 Question Id : 16794312004 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

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111 परमाणु संख्या वाले तत्व का IUPAC नाम क्या है?

Options :

✗ उननिलेनियम

✗ उनुन्नीलियम

✓ उनुनुनियम

✗ उनुनबियम

Question Number : 178 Question Id : 16794312005 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

The element, from the given options, with the highest ionic radius is:

Options :

✗ Li^+

✗ B^{3+}

✗ F^-

✓ O^{2-}

Question Number : 178 Question Id : 16794312005 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

दिए गए विकल्पों में से किस तत्व की आयनिक त्रिज्या सबसे अधिक है?

Options :

✗ Li^+

✗ B^{3+}

✗ F^-

✓ O^{2-}

Question Number : 179 Question Id : 16794312006 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

The ionization energy of Li in its ground state is 519 kJ/mol. Then its effective nuclear charge is:

Options :

✔ 1.26

✖ 1.87

✖ 0.63

✖ 2.52

Question Number : 179 Question Id : 16794312006 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Li की निम्नतम अवस्था (ग्राउंड स्टेट) में आयनीकरण ऊर्जा 519 kJ/mol है। तो इसका प्रभावी परमाणु आवेश क्या होगा?

Options :

✔ 1.26

✖ 1.87

✖ 0.63

✖ 2.52

Question Number : 180 Question Id : 16794312007 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

The correct order of first electron affinity values of Al, Si and P is:

Options :

✖ P > Si > Al

✔ Si > P > Al

✖ Al > P > Si

✖ Si > Al > P

Question Number : 180 Question Id : 16794312007 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Al, Si और P की प्रथम इलेक्ट्रॉन समानता मान (फर्स्ट इलेक्ट्रॉन एफिनिटी मान) का सही क्रम क्या है?

Options :

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✗ P > Si > Al

✓ Si > P > Al

✗ Al > P > Si

✗ Si > Al > P

Subject Related

Group Number :	10
Group Id :	167943381
Group Maximum Duration :	0
Group Minimum Duration :	0
Revisit allowed for view? :	No
Revisit allowed for edit? :	No
Break time:	0
Group Marks:	20

Subject Related

Section Id :	167943440
Section Number :	1
Section type :	Online
Mandatory or Optional:	Mandatory
Number of Questions:	20
Number of Questions to be attempted:	20
Section Marks:	20
Display Number Panel:	Yes
Group All Questions:	No

Sub-Section Number:	1
Sub-Section Id:	167943753
Question Shuffling Allowed :	Yes

Question Number : 181 Question Id : 16794312008 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Based on the electronegativity difference between the bonded atoms in molecules, the correct order of ionic character is:

Options :

✗ $LiCl > Cl_2 > HCl$

✗ $Cl_2 > LiCl > HCl$

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✗ $HCl > Cl_2 > LiCl$

✓ $LiCl > HCl > Cl_2$

Question Number : 181 Question Id : 16794312008 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

अणुओं में आबंधित परमाणुओं के बीच विद्युत्ऋणात्मकता अंतर के आधार पर, आयनिक लक्षण का सही क्रम क्या है?

Options :

✗ $LiCl > Cl_2 > HCl$

✗ $Cl_2 > LiCl > HCl$

✗ $HCl > Cl_2 > LiCl$

✓ $LiCl > HCl > Cl_2$

Question Number : 182 Question Id : 16794312009 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Oxygen brings out the group oxidation state for many elements more readily than fluorine due to:

Options :

✓ Decreased steric crowding

✗ Higher electronegativity

✗ Lower atomic radius

✗ Higher ionization enthalpy

Question Number : 182 Question Id : 16794312009 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

ऑक्सीजन फ़्लोरिन की तुलना में कई तत्वों के समूह की ऑक्सीकरण अवस्था को अधिक आसानी से क्यों लाता है?

Options :

✓ न्यून स्टेरिक क्राउडिंग (Decreased steric crowding)

✗ उच्च विद्युत्ऋणात्मकता (Higher electronegativity)

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✖ कम परमाणु त्रिज्या (Lower atomic radius)

✖ उच्च आयनीकरण एंथाल्पी (Higher ionization enthalpy)

Question Number : 183 Question Id : 16794312010 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

The formula of the principal source of heavier lanthanoids, Bastnasite, is:

Options :

✖ $(Ln, Th)PO_4$

✖ $LnPO_4$

✔ $LnCO_3F$

✖ $LnCO_3Cl$

Question Number : 183 Question Id : 16794312010 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

भारी लैन्थेनॉइड, बास्तनासाइट, के मुख्य स्रोत का सूत्र क्या है?

Options :

✖ $(Ln, Th)PO_4$

✖ $LnPO_4$

✔ $LnCO_3F$

✖ $LnCO_3Cl$

Question Number : 184 Question Id : 16794312011 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Hydrogen is predicted to exist naturally in metallic state at:

Options :

✖ Extremely high temperature

✔ Extremely high pressure

✖ Room temperature

✖ Extremely low pressure

Question Number : 184 Question Id : 16794312011 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

हाइड्रोजन का प्राकृतिक रूप से धात्विक अवस्था में कब मौजूद होने का अनुमान है?

Options :

✖ अत्यंत उच्च तापमान पर

✔ अत्यंत उच्च दाब पर

✖ कमरे के तापमान पर

✖ अत्यंत निम्न दाब पर

Question Number : 185 Question Id : 16794312012 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Which of the following is the electron-precise hydride?

Options :

✔ GeH_4

✖ B_2H_6

✖ H_2O

✖ NH_3

Question Number : 185 Question Id : 16794312012 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

निम्नलिखित में से कौन सा इलेक्ट्रान-प्रिसाइस (यथार्थ) हाइड्राइड है?

Options :

✔ GeH_4

✖ B_2H_6

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✖ H_2O

✖ NH_3

Question Number : 186 Question Id : 16794312013 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Which of the following is the non-renewable energy source?

Options :

✖ Water

✔ Coal

✖ Wind energy

✖ Solar energy

Question Number : 186 Question Id : 16794312013 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

निम्नलिखित में से कौन सा अनवीकरणीय ऊर्जा स्रोत है?

Options :

✖ पानी

✔ कोयला

✖ पवन ऊर्जा

✖ सौर ऊर्जा

Question Number : 187 Question Id : 16794312014 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

The standard emf of hydrogen-oxygen fuel cell is:

Options :

✖ 2.46 V

✖ 0.62 V

✔ 1.23 V

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✖ 3.69 V

Question Number : 187 Question Id : 16794312014 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

हाइड्रोजन-ऑक्सीजन ईंधन सेल का मानक ई.एम.एफ. कितना होता है?

Options :

✖ 2.46 V

✖ 0.62 V

✔ 1.23 V

✖ 3.69 V

Question Number : 188 Question Id : 16794312015 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

What is the permanent hardness of water if water contains 46 mg/L $Mg(HCO_3)_2$, 36 mg/L $Ca(HCO_3)_2$, 30 mg/L $MgSO_4$, 24 mg/L $CaSO_4$, 28 mg/L $CaCl_2$ and 10 mg/L NaCl?

Options :

✔ 67.8 mg/L

✖ 53.7 mg/L

✖ 33.9 mg/L

✖ 121.5 mg/L

Question Number : 188 Question Id : 16794312015 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

यदि पानी में 46 mg/L $Mg(HCO_3)_2$, 36 mg/L $Ca(HCO_3)_2$, 30 mg/L $MgSO_4$, 24 mg/L $CaSO_4$, 28 mg/L $CaCl_2$ और 10 mg/L NaCl उपस्थित हैं तो पानी की स्थाई कठोरता क्या है?

Options :

✔ 67.8 mg/L

✖ 53.7 mg/L

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✖ 33.9 mg/L

✖ 121.5 mg/L

Question Number : 189 Question Id : 16794312016 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

In the prolonged electrolysis of water to prepare heavy water, the anode and cathode, respectively, are:

Options :

✖ Steel and nickel

✖ Nickel and graphite

✔ Nickel and steel

✖ Graphite and steel

Question Number : 189 Question Id : 16794312016 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

भारी पानी बनाने के लिए पानी के लंबे समय तक विद्युतीकरण में, एनोड और कैथोड क्रमशः क्या होती हैं?

Options :

✖ इस्पात और निकल

✖ निकल और ग्रेफाइट

✔ निकल और इस्पात

✖ ग्रेफाइट और इस्पात

Question Number : 190 Question Id : 16794312017 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

The dihedral angles in gas phase and solid phase, respectively, of hydrogen peroxide are:

Options :

✖ 90.2° and 111.5°

✖ 101.5° and 94.8°

✖ 132.5° and 70.5°

✔ 111.5° and 90.2°

Question Number : 190 Question Id : 16794312017 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

हाइड्रोजन परऑक्साइड की गैस अवस्था और ठोस अवस्था में द्वितल कोण (डाइहीड्रल ऐंगल dihedral angles) क्रमशः क्या होते हैं?

Options :

✖ 90.2° और 111.5°

✖ 101.5° और 94.8°

✖ 132.5° और 70.5°

✔ 111.5° और 90.2°

Question Number : 191 Question Id : 16794312018 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Which of the following is not a method for the commercial production of dihydrogen?

Options :

✖ Lane's process

✖ Electrolysis of water

✔ Action of water on metals

✖ Bosch's process

Question Number : 191 Question Id : 16794312018 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

निम्नलिखित में से कौन सी डाइहाइड्रोजन के व्यापारिक उत्पादन की एक विधि नहीं है?

Options :

✖ लेन प्रक्रिया

✖ जल विद्युत अपघटन

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✔ धातुओं पर पानी का प्रभाव

✖ बॉश प्रक्रिया

Question Number : 192 Question Id : 16794312019 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Diagonal relation is explained in terms of polarizing power. The correct formula for polarizing power is:

Options :

✖ $\frac{\text{Ionic charge}}{\text{Ionic radius}^3}$

✔ $\frac{\text{Ionic charge}}{\text{Ionic radius}^2}$

✖ $\frac{\text{Ionic charge}}{\text{Ionic radius}^4}$

✖ $\frac{\text{Ionic charge}}{\text{Ionic radius}}$

Question Number : 192 Question Id : 16794312019 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

विकर्ण संबंध को ध्रुवीकरण शक्ति के संबंध में समझाया गया है। ध्रुवीकरण शक्ति के लिए सही सूत्र क्या है?

Options :

✖ $\frac{\text{आयनिक आवेश}}{\text{आयनिक त्रिज्या}^3}$

✔ $\frac{\text{आयनिक आवेश}}{\text{आयनिक त्रिज्या}^2}$

✖ $\frac{\text{आयनिक आवेश}}{\text{आयनिक त्रिज्या}^4}$

✖ $\frac{\text{आयनिक आवेश}}{\text{आयनिक त्रिज्या}}$

Question Number : 193 Question Id : 16794312020 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Which of the following is not a biological importance of sodium ions?

Options :

✔ They activate many enzymes in intracellular fluids

✖ Transmission of nerve signals

✖ They regulate the flow of water

✖ They are responsible for the transport of sugars and amino acids into the cells

Question Number : 193 Question Id : 16794312020 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

निम्नलिखित में से कौन सा एक सोडियम आयन का जैविक महत्व नहीं है?

Options :

✔ ये अंतराकोशिकीय तरल में कई एंजाइम सक्रिय करते हैं

✖ तंत्रिका संकेतकों का संचरण

✖ ये पानी के प्रवाह को नियंत्रित करते हैं

✖ ये कोशिकाओं में शर्करा और एमिनो अम्ल के परिवहन के लिए उत्तरदायी हैं

Question Number : 194 Question Id : 16794312021 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

The sodium D-line arises from which electronic transition in sodium atoms formed in the flame?

Options :

✖ $3s^1 \rightarrow 3d^1$

✖ $3p^1 \rightarrow 3d^1$

✖ $3s^1 \rightarrow 4s^1$

✔ $3s^1 \rightarrow 3p^1$

Question Number : 194 Question Id : 16794312021 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

सोडियम डी-लाइन सोडियम परमाणुओं के ज्वाला में किस इलेक्ट्रॉनिक ट्रांजीशन से उत्पन्न होती है?

Options :

✖ $3s^1 \rightarrow 3d^1$

✖ $3p^1 \rightarrow 3d^1$

✖ $3s^1 \rightarrow 4s^1$

✔ $3s^1 \rightarrow 3p^1$

Question Number : 195 Question Id : 16794312022 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Hydrated salts cannot be formed by:

Options :

✖ Li

✖ K

✔ Rb

✖ Na

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Question Number : 195 Question Id : 16794312022 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

हाइड्रेटेड लवण किसके द्वारा नहीं बनाए जा सकते हैं?

Options :

✖ Li

✖ K

✔ Rb

✖ Na

Question Number : 196 Question Id : 16794312023 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

The formula of phenacite is:

Options :

✗ $Be_3Al_2Si_6O_{18}$

✓ Be_2SiO_4

✗ $MgCO_3.CaCO_3$

✗ $MgSO_4.7H_2O$

Question Number : 196 Question Id : 16794312023 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

फेनासाइट का सूत्र क्या है?

Options :

✗ $Be_3Al_2Si_6O_{18}$

✓ Be_2SiO_4

✗ $MgCO_3.CaCO_3$

✗ $MgSO_4.7H_2O$

Question Number : 197 Question Id : 16794312024 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Which of the following is not a polymorph of calcium carbonate?

Options :

✓ Perovskite

✗ Calcite

✗ Aragonite

✗ Vaterite

Question Number : 197 Question Id : 16794312024 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

निम्नलिखित में से कौन सा एक कैल्शियम कार्बोनेट का बहुरूपक (पॉलिमॉर्फ़) नहीं है?

Options :

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✔ पेरोव्सकाइट

✖ केल्साइट

✖ एरागोनाइट

✖ वैटेराइट

Question Number : 198 Question Id : 16794312025 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

The correct biological function of magnesium is:

Options :

✖ Important constituent of DNA and RNA

✖ Important in tertiary structure of protein

✔ Electrochemical and enzyme-activating functions

✖ Important in nerve functioning in animals

Question Number : 198 Question Id : 16794312025 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

मैग्नीशियम का सही जैविक कार्य क्या है?

Options :

✖ डी.एन.ए और आर.एन.ए का महत्वपूर्ण घटक

✖ प्रोटीन की तृतीय संरचना में महत्वपूर्ण

✔ विद्युत-रासायनिक (इलेक्ट्रोकेमिकल) और एंजाइम-सक्रिय करने के कार्य

✖ जंतुओं में तंत्रिका कार्य में महत्वपूर्ण

Question Number : 199 Question Id : 16794312026 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

The metal obtained from the auto reduction of its oxide with sulfide is:

Options :

✔ Cu

✖ Zn

✖ Al

✖ Fe

Question Number : 199 Question Id : 16794312026 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

उस धातु का नाम क्या है जो अपने ऑक्साइड की सल्फाइड के साथ स्वअपचयन से प्राप्त होती है?

Options :

✔ Cu

✖ Zn

✖ Al

✖ Fe

Question Number : 200 Question Id : 16794312027 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Which of the following has a high Pka value?

Options :

✔ $CH_3 - CH_2 - COOH$

✖ $CH_3 - CH(Cl) - COOH$

✖ $CH_2(Cl) - CH_2 - COOH$

✖ $CH(Cl)_2 - CH_2 - COOH$

Question Number : 200 Question Id : 16794312027 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

निम्नलिखित में से किसका Pka मान उच्च है?

Options :

✔ $CH_3 - CH_2 - COOH$

✖ $CH_3 - CH(Cl) - COOH$

✖ $CH_2(Cl) - CH_2 - COOH$

✖ $CH(Cl)_2 - CH_2 - COOH$

Subject Related

Group Number : 11
Group Id : 167943382
Group Maximum Duration : 0
Group Minimum Duration : 0
Revisit allowed for view? : No
Revisit allowed for edit? : No
Break time: 0
Group Marks: 20

Subject Related

Section Id : 167943441
Section Number : 1
Section type : Online
Mandatory or Optional: Mandatory
Number of Questions: 20
Number of Questions to be attempted: 20
Section Marks: 20
Display Number Panel: Yes
Group All Questions: No

Sub-Section Number: 1
Sub-Section Id: 167943754
Question Shuffling Allowed : Yes

Question Number : 201 Question Id : 16794312028 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Takai reaction of aldehydes gives which of the following products?

Options :

✖ Alkane

✔ Alkene

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✖ Alkyne

✖ Epoxide

Question Number : 201 Question Id : 16794312028 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

एल्डिहाइड की टकैई अभिक्रिया निम्नलिखित में से कौन सा उत्पाद देती है?

Options :

✖ एल्केन

✔ एल्कीन

✖ एल्काइन

✖ एपोक्साइड

Question Number : 202 Question Id : 16794312029 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Which of the following is an example of dialdehyde?

Options :

✖ Vanicin

✖ Buteraldehyde

✔ Glyoxal

✖ Furfural

Question Number : 202 Question Id : 16794312029 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

निम्नलिखित में से कौन सा डाइएल्डिहाइड का एक उदाहरण है?

Options :

✖ वैनिसिन

✖ ब्युटरएल्डिहाइड

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✔ ग्लायोक्सल

✖ फ्यूरफुरल

Question Number : 203 Question Id : 16794312030 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

The process by which ketones are formed by the hydrolysis of salts of secondary nitro compounds is known as:

Options :

✖ Dakin–West reaction

✖ Fukuyama coupling

✔ Nef Reaction

✖ Friedel craft's

Question Number : 203 Question Id : 16794312030 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

द्वितीयक नाइट्रो यौगिकों के लवण के हाइड्रोलिसिस द्वारा केटोन बनने वाली प्रक्रिया को किस प्रकार जाना जाता है?

Options :

✖ डाकिन-वेस्ट अभिक्रिया

✖ फुकुयामा कूपलिंग

✔ नेफ अभिक्रिया

✖ फ्रीडेल क्राफ्ट

Question Number : 204 Question Id : 16794312031 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Ketones form _____ derivatives by reacting with ammonia.

Options :

✔ imine

✖ amine

✖ enamine

✖ ketal

Question Number : 204 Question Id : 16794312031 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

केटोन अमोनिया के साथ अभिक्रिया करके _____ डेरिवेटिव बनाते हैं।

Options :

✔ इमीन

✖ अमीन

✖ एनामीन

✖ केटल

Question Number : 205 Question Id : 16794312032 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

अमीन्स किस रूप में कार्य करते हैं?

Options :

✖ अच्छे इलेक्ट्रोफाइल

✖ अच्छे न्यूक्लियोफाइल

✖ लुईस बेसेस

✔ अच्छे न्यूक्लियोफाइल और लुईस बेसेस दोनों

Question Number : 205 Question Id : 16794312032 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Amines act as:

Options :

✖ Good electrophiles

✖ Good nucleophiles

✖ Lewis bases

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✔ Both good nucleophiles & lewis bases

Question Number : 206 Question Id : 16794312033 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Primary and Secondary amines form _____ and _____ on reaction with _____ and _____.

Options :

✔ imines and enamines; aldehydes and ketones

✖ enamines and imines; aldehydes and ketones

✖ imines and enamines; ketones and aldehydes

✖ enamines and enamines; aldehydes and ketones

Question Number : 206 Question Id : 16794312033 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

प्राथमिक और द्वितीय अमीन्स _____ और _____ से अभिक्रिया करके _____ और _____ बनाते हैं।

Options :

✔ इमीन और इनअमीन, एल्डिहाइड और कीटोन

✖ इनअमीन और इमीन ,एल्डिहाइड और कीटोन

✖ इमीन और इनअमीन, कीटोन और एल्डिहाइड,

✖ इनअमीन और इनअमीन, एल्डिहाइड और कीटोन

Question Number : 207 Question Id : 16794312034 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

High basic nature is observed by:

Options :

✖ $C_6H_5NH_2$

✖ $C_6H_5CH_2NH_2$

✖ $C_6H_5CH_2CH_2NH_2$

✔ Cyclohexylamine

Question Number : 207 Question Id : 16794312034 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

उच्च क्षारीय प्रकृति किसमें देखी जाती है?

Options :

✖ $C_6H_5NH_2$

✖ $C_6H_5CH_2NH_2$

✖ $C_6H_5CH_2CH_2NH_2$

✔ साइक्लोहेक्साइलअमीन (Cyclohexylamine)

Question Number : 208 Question Id : 16794312035 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

The product formed in Bischler-Napieralski reaction is:

Options :

✔ Cyclic imine

✖ Amine

✖ Aldehyde

✖ Nitrile

Question Number : 208 Question Id : 16794312035 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

बिस्लर-नेपियरल्स्की अभिक्रिया में बनने वाला उत्पाद क्या होता है?

Options :

✔ साइक्लिक इमीन

✖ अमीन

✖ एल्डिहाइड

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✖ नाइट्राइल

Question Number : 209 Question Id : 16794312036 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Carbylamine test is used for the detection of:

Options :

✖ Tertiary amines

✖ Secondary amines

✔ Primary amines

✖ All amines

Question Number : 209 Question Id : 16794312036 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

कार्बाइलामाइन परीक्षण का प्रयोग किसका पता लगाने के लिए किया जाता है?

Options :

✖ तृतीय अमीन्स

✖ द्वितीय अमीन्स

✔ प्राथमिक अमीन्स

✖ सभी अमीन्स

Question Number : 210 Question Id : 16794312037 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Which of the following act(s) as thermosetting resins?

Options :

✖ Poly styrene

✔ Polyesters

✖ Polyamides

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✖ Polyethylene

Question Number : 210 Question Id : 16794312037 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

निम्नलिखित में से कौन थर्मोसेटिंग रेजिन के रूप में कार्य करता/करते है?

Options :

✖ पॉलीस्टीरीन

✔ पॉलिएस्टर

✖ पॉलीएमाइड

✖ पॉलीईथीलीन

Question Number : 211 Question Id : 16794312038 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Which of the following is a polymeric product?

Options :

✖ Wood

✖ Meat

✖ Cotton

✔ Rubber

Question Number : 211 Question Id : 16794312038 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

निम्नलिखित में से कौन सा एक बहुलक उत्पाद है?

Options :

✖ लकड़ी

✖ मांस

✖ कपास

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✔ रबर

Question Number : 212 Question Id : 16794312039 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Poly oxy methylene is formed from monomers unit:

Options :

✖ Ethylene oxide

✔ Trioxane

✖ Tetrahydro furan

✖ Caprolactum

Question Number : 212 Question Id : 16794312039 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

पॉली ऑक्सी मिथाइलीन किन एकलक इकाईओं (मोनोमर यूनिट्स) से मिलकर बना होता है?

Options :

✖ ईथीलीन ऑक्साइड

✔ ट्राईओक्सेन

✖ टेट्राहाइड्रो फुरन

✖ कैप्रोलेक्टम

Question Number : 213 Question Id : 16794312040 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

The type of bonding predominant in polymers is:

Options :

✖ Metallic

✖ Ionic

✔ Covalent

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✖ Dipole forces

Question Number : 213 Question Id : 16794312040 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

बहुलक में किस प्रकार का आबंध प्रबल होता है?

Options :

✖ धात्विक

✖ आयनिक

✔ सहसंयोजी

✖ द्विध्रुवी (डाइपोल) बल

Question Number : 214 Question Id : 16794312041 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Which of the following polymers is non-polar?

Options :

✔ Polypropylene

✖ Acrylonitrile

✖ PVC

✖ Both Acrylonitrile & PVC

Question Number : 214 Question Id : 16794312041 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

निम्नलिखित में से कौन सा बहुलक गैर-ध्रुवीय है?

Options :

✔ पॉलीप्रोपाइलिन

✖ एक्रिलोनाइट्राइल

✖ पी.वी.सी.

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✖ एक्रिलोनाइट्राइल और पी.वी.सी. दोनों

Question Number : 215 Question Id : 16794312042 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Which of the following is not a basic amino acid?

Options :

✖ Aspargine

✖ Glutamine

✔ Serine

✖ Arginine

Question Number : 215 Question Id : 16794312042 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

निम्नलिखित में से कौन सा एक क्षारीय एमिनो अम्ल नहीं है?

Options :

✖ एस्पर्जिन

✖ ग्लूटेमिन

✔ सीरीन

✖ अर्गीनाइन

Question Number : 216 Question Id : 16794312043 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

The β-pleated sheats form the _____ structure of proteins.

Options :

✖ primary

✔ secondary

✖ tertiary

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✖ quarternary

Question Number : 216 Question Id : 16794312043 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

β-प्लेटेड शीट्स प्रोटीन की _____ संरचना बनाती हैं।

Options :

✖ प्राथमिक

✔ द्वितीय

✖ तृतीय

✖ चतुर्थ

Question Number : 217 Question Id : 16794312044 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Dansylation is a method to determine:

Options :

✔ Amino-terminal residue of peptide

✖ Carboxy-terminal residue of peptide

✖ Peptide bond

✖ Both Amino-terminal residue of peptide and Carboxy-terminal residue of peptide

Question Number : 217 Question Id : 16794312044 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

डांसिलेशन क्या निर्धारित करने की एक विधि है?

Options :

✔ पेप्टाइड के एमिनो-टर्मिनल अवशेष

✖ पेप्टाइड के कार्बोक्सी-टर्मिनल अवशेष

✖ पेप्टाइड आबंध

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✖ पेप्टाइड के एमिनो-टर्मिनल अवशेष और पेप्टाइड के कार्बोक्सी-टर्मिनल अवशेष दोनों

Question Number : 218 Question Id : 16794312045 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Reef degradation takes place in the presence of:

Options :

✔ Fe^{3+}

✖ Fe^{2+}

✖ Mg^{2+}

✖ Mn^{2+}

Question Number : 218 Question Id : 16794312045 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

रीफ घटाव किसकी उपस्थिति में होता है?

Options :

✔ Fe^{3+}

✖ Fe^{2+}

✖ Mg^{2+}

✖ Mn^{2+}

Question Number : 219 Question Id : 16794312046 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Rickets is caused by the deficiency of:

Options :

✖ Vitamin - A

✔ Vitamin - D

✖ Vitamin - B

✖ Vitamin - C

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Question Number : 219 Question Id : 16794312046 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

रिकेट्स किसकी कमी से होता है?

Options :

✖ विटामिन - A

✔ विटामिन - D

✖ विटामिन - B

✖ विटामिन - C

Question Number : 220 Question Id : 16794312047 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Hormone that is not synthesised by the process is:

Options :

✖ Insulin

✖ Glucagon

✖ Somatostatin

✔ Melatonin

Question Number : 220 Question Id : 16794312047 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

कौन सा हॉर्मोन प्रक्रिया द्वारा संश्लेषित नहीं होता है?

Options :

✖ इंसुलीन

✖ ग्लूकागोन

✖ सोमेटोस्टेटिन

✔ मेलाटोनिन

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Subject Related

Group Number : 12
Group Id : 167943383
Group Maximum Duration : 0
Group Minimum Duration : 0
Revisit allowed for view? : No
Revisit allowed for edit? : No
Break time: 0
Group Marks: 20

Subject Related

Section Id : 167943442
Section Number : 1
Section type : Online
Mandatory or Optional: Mandatory
Number of Questions: 20
Number of Questions to be attempted: 20
Section Marks: 20
Display Number Panel: Yes
Group All Questions: No

Sub-Section Number: 1
Sub-Section Id: 167943755
Question Shuffling Allowed : Yes

Question Number : 221 Question Id : 16794312048 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

PS I and PS II consist of _____ metal ions.

Options :

✔ Mn^{2+}

✖ Ca^{2+}

✖ Fe^{2+}

✖ Fe^{3+}

Question Number : 221 Question Id : 16794312048 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

PS I और PS II _____ धात्विक आयन से बने होते हैं।

Options :

✔ Mn^{2+}

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✖ Ca^{2+}

✖ Fe^{2+}

✖ Fe^{3+}

Question Number : 222 Question Id : 16794312049 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Glucose and galactose are:

Options :

✖ Anomers

✔ Epimers

✖ Non-sugars

✖ Disacharides

Question Number : 222 Question Id : 16794312049 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

ग्लूकोज और गैलेक्टोज क्या हैं?

Options :

✖ एनोमर

✔ एपीमर

✖ नॉन-शूगर

✖ डाइसैकेराइड

Question Number : 223 Question Id : 16794312050 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Which of the following is not responsible for water pollution?

Options :

✖ Sewage waste

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✖ Pesticides

✔ Bio-degradable waste

✖ Radio-active waste

Question Number : 223 Question Id : 16794312050 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

निम्नलिखित में से कौन जल प्रदूषण के लिए उत्तरदायी नहीं है?

Options :

✖ मल (सीवेज) अपशिष्ट

✖ कीटनाशक

✔ जैव-अपघटनीय अपशिष्ट

✖ रेडियो-धर्मी अपशिष्ट

Question Number : 224 Question Id : 16794312051 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Acid rains are caused due to:

Options :

✖ SO_2

✖ NO_2

✔ Both SO_2 & NO_2

✖ CO_2

Question Number : 224 Question Id : 16794312051 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

अम्ल वर्षा किसके कारण होती है?

Options :

✖ SO_2

✗ NO_2

✓ SO_2 और NO_2 दोनों

✗ CO_2

Question Number : 225 Question Id : 16794312052 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Itai disease is caused due to:

Options :

✗ Mercury pollution

✓ Cadmium pollution

✗ Lead pollution

✗ Sodium pollution

Question Number : 225 Question Id : 16794312052 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

इटाई (Itai) रोग किसके कारण होता है?

Options :

✗ पारा प्रदूषण

✓ कैडमियम प्रदूषण

✗ सीसा प्रदूषण

✗ सोडियम प्रदूषण

Question Number : 226 Question Id : 16794312053 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Which of the following is not an antibiotic?

Options :

✗ Tetracyclins

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✖ Oflaxins

✖ Cefixime

✔ Ranitidine

Question Number : 226 Question Id : 16794312053 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

निम्नलिखित में से कौन सी एक एंटीबायोटिक नहीं है?

Options :

✖ टेट्रासाइक्लिन

✖ ओफ्लाक्सिंस

✖ सेफिक्सिम

✔ रेनिटिडीन

Question Number : 227 Question Id : 16794312054 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Valinomycin consists of:

Options :

✔ K^+

✖ Na^+

✖ Ca^{2+}

✖ Mg^{2+}

Question Number : 227 Question Id : 16794312054 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

वेलिनोमायसिन किस से बनी होती है?

Options :

✔ K^+

✖ Na^+

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✖ Ca^{2+}

✖ Mg^{2+}

Question Number : 228 Question Id : 16794312055 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Compounds that inhibit the action of compounds are:

Options :

✖ Analgesics

✖ Antipyritics

✔ Antihistamines

✖ Narcotic drug

Question Number : 228 Question Id : 16794312055 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

यौगिक जो यौगिकों की क्रिया को रोकते हैं उन्हें क्या कहते हैं?

Options :

✖ एनाल्जेसिक

✖ एंटीपाइरेटिक

✔ एंटीहिस्टमीन

✖ नारकोटिक्स ड्रग

Question Number : 229 Question Id : 16794312056 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Which of the following is an antacid?

Options :

✖ Cimetidine

✖ Omeprazole

✔ Both Cimetidine & Omeprazole

✖ Novestrol

Question Number : 229 Question Id : 16794312056 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

निम्नलिखित में से कौन सा प्रतिअम्ल (ऐंटेसिड) है?

Options :

✖ सिमेटिडिन

✖ ओमेप्राजोल

✔ सिमेटिडिन और ओमेप्राजोल दोनों

✖ नोवेस्ट्रोल

Question Number : 230 Question Id : 16794312057 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Which of the following is a tranquilizer?

Options :

✖ Oxytocin

✔ Valium

✖ Rantac

✖ Amoxycilin

Question Number : 230 Question Id : 16794312057 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

निम्नलिखित में से कौन सा उपशामक (औषध) (ट्रांक्विलाइज़र) है?

Options :

✖ ऑक्सीटोसिन

✔ वैलियम

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✖ रैन्टक

✖ एमोक्सिसिलिन

Question Number : 231 Question Id : 16794312058 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Drugs that inhibit the growth of bacteria and kill bacteria, respectively, are called:

Options :

✔ Bacteriostatic, Bactericidal

✖ Bactericidal, Bacteriostatic

✖ Both are called Bactericidal

✖ Both are called Bacteriostatic

Question Number : 231 Question Id : 16794312058 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

दवाएं जो जीवाणुओं की वृद्धि को रोकती हैं और जीवाणुओं को मारती हैं, उन्हें क्रमशः क्या कहा जाता है?

Options :

✔ बैक्टीरियोस्टेटिक, बैक्टीरियोसाइडल

✖ बैक्टीरियोसाइडल, बैक्टीरियोस्टेटिक

✖ दोनों को बैक्टीरियोसाइडल कहते हैं

✖ दोनों को बैक्टीरियोस्टेटिक कहते हैं

Question Number : 232 Question Id : 16794312059 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Isoniazid is an:

Options :

✖ Analgesic

✔ Anti-TB drug

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✖ Antipyretic

✖ Antihistamine

Question Number : 232 Question Id : 16794312059 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

आइसोनियाजिड क्या है?

Options :

✖ एनाल्जेसिक

✔ एंटी-T.B ड्रग

✖ एंटीपाइरेटिक

✖ एंटीहिस्टमीन

Question Number : 233 Question Id : 16794312060 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Tetracycline are a type of:

Options :

✖ Analgesics

✖ Antipyretics

✔ Antibiotics

✖ Antihistamines

Question Number : 233 Question Id : 16794312060 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

टेट्रासाइक्लिन किसका एक प्रकार है?

Options :

✖ एनाल्जेसिक्स

✖ एंटीपाइरेटिक्स

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✔ एंटीबायोटिक्स

✖ एंटीहिस्टमीन्स

Question Number : 234 Question Id : 16794312061 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Which of the following options represents the correct order of boiling points?

Options :

✖ Propane < 1,2,propanediol < diethyl ether

✔ Propane < diethyl ether < 1,2, propanediol

✖ Propane > diethyl ether >1,2, propanediol

✖ Propane ≈ diethyl ether ≈1,2, propanediol

Question Number : 234 Question Id : 16794312061 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

निम्नलिखित विकल्पों में से कौन सा विकल्प क्वथनांक के सही क्रम को दर्शाता है?

Options :

✖ प्रोपेन < 1,2, प्रोपेनडाइऑल < डाइएथिल ईथर

✔ प्रोपेन < डाइएथिल ईथर < 1,2,प्रोपेनडाइऑल

✖ प्रोपेन > डाइएथिल ईथर > 1,2,प्रोपेनडाइऑल

✖ प्रोपेन ≈ डाइएथिल ईथर ≈ 1,2,प्रोपेनडाइऑल

Question Number : 235 Question Id : 16794312062 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Dow's process is used for the preparation of:

Options :

✖ Alcohols

✖ Ethers

✖ Alkyl halides

✔ Phenol

Question Number : 235 Question Id : 16794312062 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

निम्नलिखित में से किसे बनाने के लिए डॉव की प्रक्रिया उपयोग की जाती है?

Options :

✖ अल्कोहल

✖ ईथर

✖ अल्काइल हैलाइड

✔ फिनॉल

Question Number : 236 Question Id : 16794312063 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Which of the following is a secondary alcohol?

Options :

✖ $CH_2 = CH - CH_2 - OH$

✔ $CH_3 - CH(C_6H_5) - OH$

✖ $CH_3 - CH_2 - CH_2 - OH$

✖ $CH_3 - CH(CH_3) - CH_2 - OH$

Question Number : 236 Question Id : 16794312063 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

निम्नलिखित में से कौन सा द्वितीय अल्कोहल है?

Options :

✖ $CH_2 = CH - CH_2 - OH$

✔ $CH_3 - CH(C_6H_5) - OH$

✖ $CH_3 - CH_2 - CH_2 - OH$

✖ $CH_3 - CH(CH_3) - CH_2 - OH$

Question Number : 237 Question Id : 16794312064 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

The IUPAC name of the following is:

$CH_3 - C(CH_3) = C(Br) - CH_2 - CH_2OH$

Options :

✔ 2-Bromo-3-methyl but-2-en-1-ol

✖ 2-Bromo-3-methyl butanol

✖ 2-Bromo-3-methyl but-4-ol

✖ 2-Bromo-3-methyl but-2-en-4-ol

Question Number : 237 Question Id : 16794312064 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

$CH_3 - C(CH_3) = C(Br) - CH_2 - CH_2OH$ का IUPAC नाम क्या है?

Options :

✔ 2-Bromo-3-methyl but-2-en-1-ol

✖ 2-Bromo-3-methyl butanol

✖ 2-Bromo-3-methyl but-4-ol

✖ 2-Bromo-3-methyl but-2-en-4-ol

Question Number : 238 Question Id : 16794312065 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

The Oxygen atom of alcohol is:

Options :

✖ Sp^2

✔ Sp^3

✖ Sp

✖ Both Sp^2 & Sp^3

Question Number : 238 Question Id : 16794312065 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

अल्कोहल का ऑक्सीजन परमाणु निम्नलिखित में से क्या है?

Options :

✖ Sp^2

✔ Sp^3

✖ Sp

✖ Sp^2 और Sp^3 दोनों

Question Number : 239 Question Id : 16794312066 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

The Pka value is highest for:

Options :

✔ Ethanol

✖ Phenol

✖ Acetic acid

✖ Both Ethanol & Phenol

Question Number : 239 Question Id : 16794312066 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

किसका Pka का मान सबसे अधिक होता है?

Options :

✔ एथेनॉल

✖ फिनॉल

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✖ एसिटिक अम्ल

✖ एथेनॉल और फिनॉल दोनों

Question Number : 240 Question Id : 16794312067 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Which of the following does not react with $K_2Cr_2O_7$?

Options :

✖ Primary alcohol

✖ Secondary alcohol

✔ Tertiary alcohol

✖ All alcohol

Question Number : 240 Question Id : 16794312067 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

निम्न्ल में से कौन $K_2Cr_2O_7$ के साथ अभिक्रिया नहीं करता है?

Options :

✖ प्राथमिक अल्कोहल

✖ द्वितीय अल्कोहल

✔ तृतीय अल्कोहल

✖ सभी अल्कोहल (All alcohol)

Subject Related

Group Number :	13
Group Id :	167943384
Group Maximum Duration :	0
Group Minimum Duration :	0
Revisit allowed for view? :	No
Revisit allowed for edit? :	No
Break time:	0
Group Marks:	20

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Section Id :	167943443
Section Number :	1
Section type :	Online
Mandatory or Optional:	Mandatory
Number of Questions:	20
Number of Questions to be attempted:	20
Section Marks:	20
Display Number Panel:	Yes
Group All Questions:	No

Sub-Section Number:	1
Sub-Section Id:	167943756
Question Shuffling Allowed :	Yes

Question Number : 241 Question Id : 16794312068 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Haloalkanes cannot be prepared by:

Options :

✖ Electrophilic addition

✖ U.V light

✖ Electrophilic substitution

✔ Nucleophilic substitution

Question Number : 241 Question Id : 16794312068 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

हेलोएल्केन किसके द्वारा नहीं बनाए जा सकते हैं?

Options :

✖ इलेक्ट्रोफिलिक योगात्मक

✖ यू. वी. प्रकाश

✖ इलेक्ट्रोफिलिक प्रतिस्थापन

✔ न्यूक्लीओफिलिक प्रतिस्थापन

Question Number : 242 Question Id : 16794312069 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

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Which of the following takes part in SN^2 reaction?

Options :

✖ $CH_3 - C(X)_2 - CH_3$

✖ $CH_3 - CHX - CH_3$

✖ $CH_3 - CH_2 - X$

✔ CH_3X

Question Number : 242 Question Id : 16794312069 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

निम्नलिखित में से कौन SN^2 अभिक्रिया में भाग लेता है?

Options :

✖ $CH_3 - C(X)_2 - CH_3$

✖ $CH_3 - CHX - CH_3$

✖ $CH_3 - CH_2 - X$

✔ CH_3X

Question Number : 243 Question Id : 16794312070 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Which of the following participates fast in SN^2 mechanism?

Options :

✖ R-F

✖ R-Cl

✖ R-Br

✔ R-I

Question Number : 243 Question Id : 16794312070 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

निम्नलिखित में से कौन सा SN^2 क्रियाविधि में तेजी से भाग लेता है?

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Options :

✖ R-F

✖ R-Cl

✖ R-Br

✔ R-I

Question Number : 244 Question Id : 16794312071 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Toluene $\xrightarrow{Cl_2}$ X $\xrightarrow{AqKOH}$ Y. In this reaction, X and Y are:

Options :

✖ Vinyl chloride, Benzyl alcohol

✔ Benzyl chloride, Benzyl alcohol

✖ Benzyl alcohol, Benzyl chloride

✖ Benzyl chloride, phenol

Question Number : 244 Question Id : 16794312071 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Toluene $\xrightarrow{Cl_2}$ X $\xrightarrow{AqKOH}$ Y। इस रासायनिक प्रतिक्रिया में X और Y क्या हैं?

Options :

✖ विनाइल क्लोराइड, बेंजाइल अल्कोहल

✔ बेंजाइल क्लोराइड, बेंजाइल अल्कोहल

✖ बेंजाइल अल्कोहल, बेंजाइल क्लोराइड

✖ बेंजाइल क्लोराइड, फिनॉल

Question Number : 245 Question Id : 16794312072 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

शरीर से हानिकारक रेडियोधर्मी धातुओं को खत्म करने में किस लिगैंड का उपयोग किया जाता है?

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Options :

✖ CN^-

✔ EDTA

✖ NCS^-

✖ Cl^-

Question Number : 245 Question Id : 16794312072 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Which ligand is used in elimination of harmful radioactive metals from the body?

Options :

✖ CN^-

✔ EDTA

✖ NCS^-

✖ Cl^-

Question Number : 246 Question Id : 16794312073 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

$[Pt(py)_4]^{2+}.[PtCl_4]^{2-}$ is an example of:

Options :

✖ Cationic complex

✖ Anionic complex

✔ Ionic complex

✖ Neutral complex

Question Number : 246 Question Id : 16794312073 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

$[Pt(py)_4]^{2+}.[PtCl_4]^{2-}$ किसका एक उदाहरण है?

Options :

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✗ कैटियॉनिक कॉम्प्लेक्स

✗ ऐनियॉनिक कॉम्प्लेक्स

✓ आयनिक कॉम्प्लेक्स

✗ न्यूट्रल कॉम्प्लेक्स

Question Number : 247 Question Id : 16794312074 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

$[NiCl_4]^{2-}$ ion is:

Options :

✗ sp^3, Diamagnetic

✓ sp^3, Paramagnetic

✗ dsp^2, Diamagnetic

✗ dp^2, Paramagnetic

Question Number : 247 Question Id : 16794312074 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

$[NiCl_4]^{2-}$ आयन कैसा होता है?

Options :

✗ sp^3, प्रति - चुंबकीय

✓ sp^3, अनुचुंबकीय

✗ dsp^2, प्रति-चुंबकीय

✗ dp^2, अनुचुंबकीय

Question Number : 248 Question Id : 16794312075 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

How many number of electrons are donated by ligands in $[Ni(en)_3]^{2+}$?

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Options :

✖ 3

✖ 6

✔ 12

✖ 14

Question Number : 248 Question Id : 16794312075 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

$[Ni(en)_3]^{2+}$ में लिगैंड द्वारा कितने इलेक्ट्रॉन दिए जाते हैं?

Options :

✖ 3

✖ 6

✔ 12

✖ 14

Question Number : 249 Question Id : 16794312076 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Which d-block elements has highest oxidation state?

Options :

✖ Mn

✔ Os

✖ Pd

✖ Nb

Question Number : 249 Question Id : 16794312076 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

किस d-ब्लॉक तत्व की ऑक्सीकरण अवस्था सबसे अधिक होती है?

Options :

✖ Mn

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✔ Os

✖ Pd

✖ Nb

Question Number : 250 Question Id : 16794312077 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Mn-Cu alloys indicate _____ behaviour.

Options :

✖ diamagnetic

✖ paramagnetic

✔ ferromagnetic

✖ antiferromagnetic

Question Number : 250 Question Id : 16794312077 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Mn-Cu मिश्र धातु ____ व्यवहार इंगित करते हैं।

Options :

✖ प्रतिचुंबकीय

✖ अनुचुंबकीय

✔ लौह-चुंबकीय

✖ अलौह-चुंबकीय

Question Number : 251 Question Id : 16794312078 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Which of the following is the correct order of magnitude of λ ?

Options :

✖ $[Co(CN)_6]^{3-} > [Co(NH_3)_6]^{3+} > [Co(H_2O)_6]^{3+}$

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✔ $[Co(H_2O)_6]^{3+} > [Co(NH_3)_6]^{3+} > [Co(CN)_6]^{3-}$

✖ $[Co(NH_3)_6]^{3+} > [Co(H_2O)_6]^{3+} > [Co(CN)_6]^{3-}$

✖ $[Co(CN)_6]^{3-} > [Co(H_2O)_6]^{3+} > [Co(NH_3)_6]^{3+}$

Question Number : 251 Question Id : 16794312078 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

निम्नलिखित में से कौन सा λ के परिमाण का सही क्रम है?

Options :

✖ $[Co(CN)_6]^{3-} > [Co(NH_3)_6]^{3+} > [Co(H_2O)_6]^{3+}$

✔ $[Co(H_2O)_6]^{3+} > [Co(NH_3)_6]^{3+} > [Co(CN)_6]^{3-}$

✖ $[Co(NH_3)_6]^{3+} > [Co(H_2O)_6]^{3+} > [Co(CN)_6]^{3-}$

✖ $[Co(CN)_6]^{3-} > [Co(H_2O)_6]^{3+} > [Co(NH_3)_6]^{3+}$

Question Number : 252 Question Id : 16794312079 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Rare earths are also called:

Options :

✖ II A group elements

✖ 4d-block elements

✔ 4f-block elements

✖ 5f-block elements

Question Number : 252 Question Id : 16794312079 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

रेयर अर्थ (दुर्लभ पृथ्वी) को क्या कहा जाता है?

Options :

✖ II A समूह तत्व

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✖ 4d-ब्लॉक तत्व

✔ 4f-ब्लॉक तत्व

✖ 5f-ब्लॉक तत्व

Question Number : 253 Question Id : 16794312080 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Which option represents the correct basicity order?

Options :

✖ $La(OH)_3 \approx Lu_2O_3 > Lu(OH)_3 \approx La_2O_3$

✖ $Lu(OH)_3 > La(OH)_3 > Lu_2O_3 > La_2O_3$

✔ $La(OH)_3 \approx La_2O_3 > Lu(OH)_3 \approx Lu_2O_3$

✖ None of these options

Question Number : 253 Question Id : 16794312080 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

कौन सा विकल्प क्षारीयता के सही क्रम को दर्शाता है?

Options :

✖ $La(OH)_3 \approx Lu_2O_3 > Lu(OH)_3 \approx La_2O_3$

✖ $Lu(OH)_3 > La(OH)_3 > Lu_2O_3 > La_2O_3$

✔ $La(OH)_3 \approx La_2O_3 > Lu(OH)_3 \approx Lu_2O_3$

✖ इन विकल्पों में से कोई नहीं

Question Number : 254 Question Id : 16794312081 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Which pair of elements from below have the same atomic radii (in A°)?

Options :

✖ V and Nb

✖ Co and Rh

✖ Sc and Y

✔ Nb and Ta

Question Number : 254 Question Id : 16794312081 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

नीचे दिए गए तत्वों के युग्म में से किनकी की परमाणु त्रिज्याएं (A° में) एक समान है?

Options :

✖ V और Nb

✖ Co और Rh

✖ Sc और Y

✔ Nb और Ta

Question Number : 255 Question Id : 16794312082 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Which of the following is the correct decreasing order of complex formation with ligand?

Options :

✔ $Ln^{4+} > Ln^{3+} > Ln^{2+}$

✖ $Ln^{2+} > Ln^{3+} > Ln^{4+}$

✖ $Ln^{3+} > Ln^{4+} > Ln^{2+}$

✖ $Ln^{3+} > Ln^{2+} > Ln^{4+}$

Question Number : 255 Question Id : 16794312082 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

निम्नलिखित में से कौन सा लिगैंड के साथ जटिल गठन (कॉम्प्लेक्स फॉर्मेशन) का सही घटता क्रम है?

Options :

✔ $Ln^{4+} > Ln^{3+} > Ln^{2+}$

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✖ $Ln^{2+} > Ln^{3+} > Ln^{4+}$

✖ $Ln^{3+} > Ln^{4+} > Ln^{2+}$

✖ $Ln^{3+} > Ln^{2+} > Ln^{4+}$

Question Number : 256 Question Id : 16794312083 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

How many $3C-2e^{-}$ bonds are in diborane?

Options :

✖ 1

✔ 2

✖ 3

✖ 4

Question Number : 256 Question Id : 16794312083 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

डाइबोरेन में कितने $3C-2e^{-}$ आबंध होते हैं?

Options :

✖ 1

✔ 2

✖ 3

✖ 4

Question Number : 257 Question Id : 16794312084 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Which option represents the correct order of stability?

Options :

✖ ICl > ClF > BrF > IF

✖ ClF > BrF > IF > ICl

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✔ IF > BrF > ClF > ICl

✖ None of these options

Question Number : 257 Question Id : 16794312084 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

कौन सा विकल्प स्थिरता के सही क्रम को दर्शाता है?

Options :

✖ ICl > ClF > BrF > IF

✖ ClF > BrF > IF > ICl

✔ IF > BrF > ClF > ICl

✖ इनमें से कोई विकल्प नहीं

Question Number : 258 Question Id : 16794312085 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Iodine reacts with excess of fluorine to form:

Options :

✔ IF_7

✖ IF_5

✖ I_2F_6

✖ IF_3

Question Number : 258 Question Id : 16794312085 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

आयोडीन फ्लोरीन की अतिरिक्त मात्रा से अभिक्रिया करके क्या बनाता है?

Options :

✔ IF_7

✖ IF_5

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✖ I_2F_6

✖ IF_3

Question Number : 259 Question Id : 16794312086 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

What is the shape of IF_4^+ ?

Options :

✖ Tetrahedral

✖ Bent

✖ Square planar

✔ Seasaw

Question Number : 259 Question Id : 16794312086 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

IF_4^+ की आकृति कैसी होती है?

Options :

✖ चतुष्फलकीय (टेट्राहेड्रल)

✖ बंका (बेंट)

✖ वर्ग फलक (स्क्वायर प्लानर)

✔ सी-सॉ

Question Number : 260 Question Id : 16794312087 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Which of the following configurations have strong distortion?

Options :

✖ $t_2g^6\ eg^2$

✖ $t_2g^4\ eg^2$

✔ $t_2g^3\ eg^1$

✖ $t_2g^0\ eg^0$

Question Number : 260 Question Id : 16794312087 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

निम्नलिखित में से किस विन्यास की प्रबल विकृति होती है?

Options :

✖ $t_2g^6\ eg^2$

✖ $t_2g^4\ eg^2$

✔ $t_2g^3\ eg^1$

✖ $t_2g^0\ eg^0$

Subject Related

Group Number :	14
Group Id :	167943385
Group Maximum Duration :	0
Group Minimum Duration :	0
Revisit allowed for view? :	No
Revisit allowed for edit? :	No
Break time:	0
Group Marks:	20

Subject Related

Section Id :	167943444
Section Number :	1
Section type :	Online
Mandatory or Optional:	Mandatory
Number of Questions:	20
Number of Questions to be attempted:	20
Section Marks:	20
Display Number Panel:	Yes
Group All Questions:	No

Sub-Section Number:	1
Sub-Section Id:	167943757

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Question Shuffling Allowed : Yes

Question Number : 261 Question Id : 16794312088 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Diborane reacts with excess of NH_3 at high temperature to form:

Options :

✗ Boric acid

✗ Borazine

✗ B_4H_{10}

✓ Boron nitride

Question Number : 261 Question Id : 16794312088 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

डाइबोरेन उच्च तापमान पर NH_3 की अतिरिक्त मात्रा से अभिक्रिया करके क्या बनाता है?

Options :

✗ बोरिक अम्ल

✗ बोराज़िन

✗ B_4H_{10}

✓ बोरॉन नाइट्राइड

Question Number : 262 Question Id : 16794312089 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Which option represents correct arrangement per metallic character of given elements?

Options :

✗ B < Tl < In < Ga

✓ B < Ga< In < Tl

✗ Tl < In < Ga < B

✗ Tl < Ga< In < B

Question Number : 262 Question Id : 16794312089 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

कौन सा विकल्प दिए गए तत्वों के प्रति धात्विक लक्षण की सही व्यवस्था को दर्शाता है?

Options :

✗ B < Tl < In < Ga

✓ B < Ga< In < Tl

✗ Tl < In < Ga < B

✗ Tl < Ga< In < B

Question Number : 263 Question Id : 16794312090 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Which option represents the correct decreasing order of shielding effect?

Options :

✓ s > p > d > f

✗ f > d > s > p

✗ f > d > p > s

✗ s > f > d > p

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Question Number : 263 Question Id : 16794312090 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

परिरक्षण प्रभाव (शील्डिंग इफ़ेक्ट) का सही घटता क्रम निम्नलिखित में से क्या है?

Options :

✓ s > p > d > f

✗ f > d > s > p

✗ f > d > p > s

✗ s > f > d > p

Question Number : 264 Question Id : 16794312091 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Which oxides react with B_2O_3 to form metaborates?

Options :

✖ Acidic oxides

✔ Basic oxides

✖ Salts

✖ Both Acidic oxides & Basic oxides

Question Number : 264 Question Id : 16794312091 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

कौन सा ऑक्साइड B_2O_3 के साथ अभिक्रिया कर के मेटाबोरेट्स बनाता है?

Options :

✖ अम्लीय ऑक्साइड

✔ क्षारीय ऑक्साइड

✖ लवण

✖ अम्लीय ऑक्साइड और क्षारीय ऑक्साइड दोनों

Question Number : 265 Question Id : 16794312092 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

The molecular formula of Borax is:

Options :

✖ $Na_2B_3O_5.10\,H_2O$

✖ $Na_2B_2O_5.10\,H_2O$

✔ $Na_2B_4O_7.10\,H_2O$

✖ $Na_2B_4O_5.10\,H_2O$

Question Number : 265 Question Id : 16794312092 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

बोरेक्स का आण्विक सूत्र क्या है?

Options :

✖ $Na_2B_3O_5.10\,H_2O$

✖ $Na_2B_2O_5.10\,H_2O$

✔ $Na_2B_4O_7.10\,H_2O$

✖ $Na_2B_4O_5.10\,H_2O$

Question Number : 266 Question Id : 16794312093 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

The element Si is obtained by reducing SiO_2 with:

Options :

✖ Graphite

✖ Diamond

✔ Coke

✖ Preons

Question Number : 266 Question Id : 16794312093 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

SiO_2 को किसके साथ अपचयित करके तत्व Si प्राप्त किया जाता है?

Options :

✖ ग्रेफाइट

✖ हीरा

✔ कोक

✖ प्रीऑंस (Preons)

Question Number : 267 Question Id : 16794312094 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Calcium carbonate is strongly heated to form:

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Options :

✖ Sodium carbonate

✔ Calcium oxide

✖ Sodium oxide

✖ Calcium

Question Number : 267 Question Id : 16794312094 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

कैल्शियम कार्बोनेट को तेज गर्म करके क्या बनाया जाता है?

Options :

✖ सोडियम कार्बोनेट

✔ कैल्शियम ऑक्साइड

✖ सोडियम ऑक्साइड

✖ कैल्शियम

Question Number : 268 Question Id : 16794312095 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Which of the following is a low spin square planar complex?

Options :

✖ $[Ni(CN)_4]^{2-}$

✖ $[PdCl_4]^{2-}$

✖ $[Pt(NH_3)_4]^{2+}$

✔ All of the options

Question Number : 268 Question Id : 16794312095 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

निम्नलिखित में से कौन सा लो स्पिन स्क्वायर प्लानर कॉम्प्लेक्स है?

Options :

✗ $[Ni(CN)_4]^{2-}$

✗ $[PdCl_4]^{2-}$

✗ $[Pt(NH_3)_4]^{2+}$

✓ सभी विकल्प

Question Number : 269 Question Id : 16794312096 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Combination of 'n' atomic orbitals gives _____ molecular orbitals.

Options :

✗ n + 1

✗ n – 1

✓ n

✗ n + 2

Question Number : 269 Question Id : 16794312096 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

'n' परमाणु कक्षाओं का संयोजन _____ आण्विक कक्षाएं देता है।

Options :

✗ n + 1

✗ n – 1

✓ n

✗ n + 2

Question Number : 270 Question Id : 16794312097 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

The boiling point does not depend upon:

Options :

✓ Solubility of compound in water

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✖ Polarity of molecules

✖ Size of molecule

✖ Hydrogen bonding

Question Number : 270 Question Id : 16794312097 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

क्वथनांक किस पर निर्भर नहीं करता है?

Options :

✔ यौगिक की पानी में घुलनशीलता

✖ अणुओं की ध्रुवीयता

✖ अणु के आकार

✖ हाइड्रोजन बांड

Question Number : 271 Question Id : 16794312098 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Which method is suitable for separation of organic compounds from aqueous solutions?

Options :

✖ Fractional distillation

✖ Distillation

✖ Steam distillation

✔ Solvent extraction

Question Number : 271 Question Id : 16794312098 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

जलीय विलयन में से कार्बनिक यौगिकों को पृथक करने के लिए कौन सी विधि सबसे उपयुक्त है?

Options :

✖ आंशिक आसवन

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✖ आसवन

✖ वाष्प-आसवन

✔ विलायक निष्कर्षण (साल्वेंट एक्सट्रैक्शन)

Question Number : 272 Question Id : 16794312099 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

On reaction with water, calcium carbide gives:

Options :

✖ Methane

✖ Carbine

✔ Acetylene

✖ Acetaldehyde

Question Number : 272 Question Id : 16794312099 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

पानी से अभिक्रिया करने पर कैल्शियम कार्बाइड क्या देता है?

Options :

✖ मीथेन

✖ कार्बाइन

✔ एसिटिलीन

✖ एसीटैल्डिहाइड

Question Number : 273 Question Id : 16794312100 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Cyclobutadiene is:

Options :

✖ Aromatic

✔ Antiaromatic

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✖ Homoaromatic

✖ Nonaromatic

Question Number : 273 Question Id : 16794312100 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

साइक्लोब्यूटाडाईन क्या है?

Options :

✖ एरोमैटिक

✔ एंटीएरोमैटिक

✖ होमोएरोमैटिक

✖ नॉनएरोमैटिक

Question Number : 274 Question Id : 16794312101 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Which compound has magnetic susceptibility?

Options :

✖ Benzene

✖ Naphthalene

✔ Anthracene

✖ Azulene

Question Number : 274 Question Id : 16794312101 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

किस यौगिक में चुंबकीय संवेदनशीलता होती है?

Options :

✖ बेंजीन

✖ नेफ़्थलीन

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✔ एंथ्रासीन

✖ एज़ुलीन

Question Number : 275 Question Id : 16794312102 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Chlorination of alkanes is an example of:

Options :

✔ Free radical

✖ Addition

✖ Substitution

✖ Elimination

Question Number : 275 Question Id : 16794312102 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

एल्केन का क्लोरिनेशन किसका एक उदाहरण है?

Options :

✔ फ्री रेडिकल

✖ परिवर्धन (एडिशन)

✖ प्रतिस्थापन

✖ उन्मूलन

Question Number : 276 Question Id : 16794312103 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Alkadienes are classified into _____ types.

Options :

✖ 1

✖ 2

✔ 3

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✖ 4

Question Number : 276 Question Id : 16794312103 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

एल्काडाइन को _____ प्रकारों में वर्गीकृत किया गया है।

Options :

✖ 1

✖ 2

✔ 3

✖ 4

Question Number : 277 Question Id : 16794312104 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Which of the following compounds reacts with conjugated diene to form cyclohexene?

Options :

✖ Hexane

✖ 1,3,5-hextriene

✔ Dienophile

✖ Bromo benzene

Question Number : 277 Question Id : 16794312104 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

निम्नलिखित में से कौन सा यौगिक साइक्लोहेक्सीन बनाने के लिए संयुग्मित डाइएन के साथ अभिक्रिया करता है?

Options :

✖ हैक्सेन

✖ 1,3,5-हैक्सट्राईन

✔ डाइनोफाइल

✖ ब्रोमो बेंजीन

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Question Number : 278 Question Id : 16794312105 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

The number of equatorial chlorine atoms in PCl_5 is:

Options :

✖ 4

✔ 3

✖ 2

✖ 0

Question Number : 278 Question Id : 16794312105 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

PCl_5 में इक्वटोरीयल क्लोरीन परमाणुओं की संख्या कितनी है?

Options :

✖ 4

✔ 3

✖ 2

✖ 0

Question Number : 279 Question Id : 16794312106 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Which of the following has Zero(0) dipole moment?

Options :

✖ NH_3

✖ H_2O

✔ C_6H_6

✖ NO

Question Number : 279 Question Id : 16794312106 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

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निम्नलिखित में से किसका द्विध्रुवीय संवेग (डाइपोल मोमेंट) शून्य होता है?

Options :

✖ NH_3

✖ H_2O

✔ C_6H_6

✖ NO

Question Number : 280 Question Id : 16794312107 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Allene must have which type of hybridization?

Options :

✖ Sp^3d

✔ Sp

✖ Sp^2

✖ Sp^3

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Question Number : 280 Question Id : 16794312107 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

एलीन में किस प्रकार का हाइब्रिडाइजेशन होना चाहिए?

Options :

✖ Sp^3d

✔ Sp

✖ Sp^2

✖ Sp^3

Subject Related

Group Number :	15
Group Id :	167943386
Group Maximum Duration :	0
Group Minimum Duration :	180
Revisit allowed for view? :	No
Revisit allowed for edit? :	No
Break time:	0
Group Marks:	20

Subject Related

Section Id :	167943445
Section Number :	1
Section type :	Online
Mandatory or Optional:	Mandatory
Number of Questions:	20
Number of Questions to be attempted:	20
Section Marks:	20
Display Number Panel:	Yes
Group All Questions:	No

Sub-Section Number:	1
Sub-Section Id:	167943758
Question Shuffling Allowed :	Yes

Question Number : 281 Question Id : 16794312108 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Complete the following sentence by choosing one of the given options

Transfer of learning is said to be positive when:

Options :

✗ the previous learning hinders the present learning

✓ the previous learning facilitates the present learning

✗ the previous leaning has no effect on the present learning

✗ the present learning is not related to the previous learning

Question Number : 281 Question Id : 16794312108 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

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दिए गए विकल्पों में से किसी एक का चयन करके निम्नलिखित वाक्य को पूरा करें।

सीखने का हस्तांतरण सकारात्मक माना जाता है जब:

Options :

✗ पिछली शिक्षा वर्तमान अध्ययन में बाधा डालती है

✓ पिछली शिक्षा वर्तमान अध्ययन में सुविधा प्रदान करती है

✗ पिछली शिक्षा का वर्तमान अध्ययन पर कोई प्रभाव नहीं पड़ता है

✗ वर्तमान अध्ययन पिछली शिक्षा से संबंधित नहीं है

Question Number : 282 Question Id : 16794312109 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Complete the following sentence by choosing one of the given options.

Participating in community activities and becoming a part of the society is a process of:

Options :

✓ Socialisation

✗ Acculturation

✗ Integration

✗ Modernisation

Question Number : 282 Question Id : 16794312109 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

दिए गए विकल्पों में से किसी एक का चयन करके निम्नलिखित वाक्य को पूरा करें।

सामुदायिक गतिविधियों में भाग लेना और समाज का हिस्सा बनना कौन सी प्रक्रिया है?

Options :

✓ समाजीकरण

✗ उत्संस्करण

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✖ एकीकरण

✖ आधुनिकीकरण

Question Number : 283 Question Id : 16794312110 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Complete the following sentence by choosing the right pair from the given options.

Dramatisation without words can be seen in:

Options :

✔ Pageant and Tableau

✖ Role Play and Pageant

✖ Play and Drama

✖ Puppetry and Role Play

Question Number : 283 Question Id : 16794312110 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

दिए गए विकल्पों से सही जोड़ी का चयन करके निम्नलिखित वाक्य को पूरा करें।

शब्दों के बिना नाटक, किस विधा में देखा जा सकता है?

Options :

✔ पेजेंट और झाँकी (टैबलो)

✖ रोल प्ले और पेजेंट

✖ प्ले और ड्रामा

✖ पपेट्री और रोल प्ले

Question Number : 284 Question Id : 16794312111 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

What are the tests that a teacher administers to plan interventions called?

Options :

✖ Formative assessment

✖ Informal assessment

✔ Diagnostic test

✖ Pre-test

Question Number : 284 Question Id : 16794312111 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

जब शिक्षक हस्तक्षेप की योजना का प्रबंधन करते हैं, तो इन परीक्षणों को क्या कहा जाता है?

Options :

✖ रचनात्मक मूल्यांकन

✖ अनौपचारिक मूल्यांकन

✔ नैदानिक परीक्षण

✖ पूर्व-परीक्षण

Question Number : 285 Question Id : 16794312112 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Fill in the blank choosing the most appropriate options.

Words that mean different in different contexts, like the word 'cloud', could be a _____ type of barrier in listening.

Options :

✖ physical factor

✔ linguistic factor

✖ psychological factor

✖ emotional factor

Question Number : 285 Question Id : 16794312112 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

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रिक्त स्थान के लिए सबसे उपयुक्त विकल्प का चयन करें।

'क्लाउड' शब्द जैसे, विभिन्न संदर्भों में अलग-अलग अर्थों का शब्द, सुनने में _____ प्रकार का बाधा बन सकता है।

Options :

✖ शारीरिक कारक

✔ भाषाई कारक

✖ मनोवैज्ञानिक कारक

✖ भावनात्मक कारक

Question Number : 286 Question Id : 16794312113 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

In the evolving trends in education, new disciplines are emerging. Identify one such discipline from the given options.

Options :

✖ Mathematics

✔ Curriculum development

✖ Philosophy

✖ Political science

Question Number : 286 Question Id : 16794312113 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

शिक्षा में विकसित रुझानों में, नए विषय उभर रहे हैं। दिए गए विकल्पों में से इस तरह के एक विषय को पहचानें।

Options :

✖ गणित

✔ पाठ्यक्रम परिवर्द्धन

✖ दर्शनशास्त्र

✖ राजनीतिक विज्ञान

Question Number : 287 Question Id : 16794312114 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

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Correct : 1 Wrong : 0.25

Fill in the blank choosing the most appropriate options.

Gender is a _____.

Options :

✔ Social difference

✖ Natural difference

✖ Biological difference

✖ Legal difference

Question Number : 287 Question Id : 16794312114 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

रिक्त स्थान के लिए सबसे उपयुक्त विकल्प का चयन करें।

लिंग एक _____ है।

Options :

✔ सामाजिक अंतर

✖ प्राकृतिक अंतर

✖ जैविक अंतर

✖ कानूनी अंतर

Question Number : 288 Question Id : 16794312115 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Complete the following sentence by choosing one of the given options.

Generic knowledge about pedagogy is:

Options :

✖ knowing the content well

✔ knowledge about learning theories

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✖ knowledge about various disciplines

✖ knowledge about educational policies

Question Number : 288 Question Id : 16794312115 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

दिए गए विकल्पों में से किसी एक का चयन करके निम्नलिखित वाक्य को पूरा करें।

अध्यापन के बारे में सामान्य ज्ञान क्या है?

Options :

✖ अच्छी तरह से सामग्री को जानना

✔ सिद्धांतों को सीखने के बारे में ज्ञान

✖ विभिन्न विषयों के बारे में ज्ञान

✖ शैक्षिक नीतियों के बारे में ज्ञान

Question Number : 289 Question Id : 16794312116 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Complete the following sentence by choosing one of the given options.

Learning Mathematics is easy for children with high:

Options :

✔ logical and spatial abilities

✖ logical and linguistic abilities

✖ visual and auditory abilities

✖ mathematical and reasoning abilities

Question Number : 289 Question Id : 16794312116 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

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दिए गए विकल्पों में से किसी एक का चयन करके निम्नलिखित वाक्य को पूरा करें।

गणित सीखना कौन सी क्षमता वाले बच्चों के लिए आसान है?

Options :

✔ तार्किक और स्थानिक क्षमता

✖ तार्किक और भाषाई क्षमता

✖ दृश्य और श्रवण क्षमता

✖ गणितीय और तर्क क्षमता

Question Number : 290 Question Id : 16794312117 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Complete the following sentence by choosing one of the given options.

Reading articles about the latest developments in respective disciplines is a way of:

Options :

✔ professional development

✖ spending time

✖ knowing new things

✖ getting to know latest news

Question Number : 290 Question Id : 16794312117 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

दिए गए विकल्पों में से किसी एक का चयन करके निम्नलिखित वाक्य को पूरा करें।

संबंधित विषयों में नवीनतम विकास के बारे में लेख पढ़ना निम्नलिखित में से किसका एक तरीका है?

Options :

✔ व्यावसायिक विकास

✖ समय बिताना

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✖ नई चीजें जानना

✖ नवीनतम समाचार जानना

Question Number : 291 Question Id : 16794312118 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Complete the following sentence by choosing one of the given options

Pantomime is a form of dramatisation that is based on:

Options :

✖ long dialogues and music

✔ facial expressions and music

✖ mimicry and rhymes

✖ sound and lights

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Question Number : 291 Question Id : 16794312118 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

दिए गए विकल्पों में से किसी एक का चयन करके निम्नलिखित वाक्य को पूरा करें।

मूकाभिनय (पैंटोमाइम) नाटकीय रूपांतर का एक रूप है जो कि _____ पर आधारित है।

Options :

✖ लंबे संवाद और संगीत

✔ चेहरे की अभिव्यक्ति और संगीत

✖ नकल और कविता

✖ ध्वनि और रोशनी

Question Number : 292 Question Id : 16794312119 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Complete the following sentence by choosing one of the given options.

Creativity is developed through music when students are assigned the tasks of:

Options :

✔ synthesising thematic poetry

✖ singing songs

✖ choreography

✖ reciting poems

Question Number : 292 Question Id : 16794312119 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

दिए गए विकल्पों में से किसी एक का चयन करके निम्नलिखित वाक्य को पूरा करें।

संगीत के माध्यम से सर्जनशीलता विकसित होती है, जब छात्रों को _____ का कार्य सौंपा जाता है।

Options :

✔ विषयगत कविता संश्लेषित करने

✖ गाने गाने

✖ नृत्यकला

✖ कविताओं को पढ़ने

Question Number : 293 Question Id : 16794312120 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Fill in the blank choosing the most appropriate options.

Execution of two or more programs at a given time by a single CPU, such as in a laptop or desktop, is known as _____.

Options :

✖ Multiprocessing

✔ Multitasking

✖ Multitracking

✖ Mass Execution

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Question Number : 293 Question Id : 16794312120 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

रिक्त स्थान के लिए सबसे उपयुक्त विकल्प चुनें।

किसी भी समय एक सीपीयू, जैसे लैपटॉप या डेस्कटॉप, पर दो या दो से अधिक प्रोग्राम के निष्पादन को _____ के रूप में जाना जाता है।

Options :

✗ मल्टीप्रोसेसिंग

✓ मल्टीटास्किंग

✗ मल्टीट्रैकिंग

✗ मास एक्सज़ेक्यूशन

Question Number : 294 Question Id : 16794312121 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Identify the limitation of Internet-based education from the following options.

Options :

✗ Lesser resource usage

✓ Limited experience of classroom dynamics

✗ Distributed across multiple locations

✗ Less content coverage

Question Number : 294 Question Id : 16794312121 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

निम्नलिखित विकल्पों से इंटरनेट आधारित शिक्षा की परिसीमा की पहचान करें।

Options :

✗ कम संसाधनों का उपयोग

✓ कक्षा गतिशीलता का सीमित अनुभव

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✖ कई स्थानों पर वितरण

✖ कम सामग्री कवर करना

Question Number : 295 Question Id : 16794312122 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Environmental awareness is best created through which of these subjects?

Options :

✖ Science

✖ Social sciences

✔ All subjects studied at school

✖ Languages

Question Number : 295 Question Id : 16794312122 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

इनमें से किस विषय में से पर्यावरण के बारे में जागरूकता सबसे अच्छी तरह से बनाई जा सकती है?

Options :

✖ विज्ञान

✖ सामाजिक विज्ञान

✔ स्कूल में पढ़े गए सभी विषयों

✖ भाषाओं

Question Number : 296 Question Id : 16794312123 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Which one of the following is NOT related to learning theory?

Options :

✖ Behaviourism

✖ Cognitivism

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✔ Conservatism

✖ Constructivism

Question Number : 296 Question Id : 16794312123 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

निम्नलिखित में से कौन सा विकल्प सीखने के सिद्धांत से संबंधित नहीं है?

Options :

✖ आचरण

✖ संज्ञानात्मकवाद (कॉग्निटिविसिम)

✔ रूढ़िवाद

✖ रचनावाद

Question Number : 297 Question Id : 16794312124 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Fill in the blank choosing the most appropriate options.

In a statistical distribution table, class interval is measured as _____.

Options :

✔ the difference between the upper and the lower limits

✖ half of the difference between the upper and the lower limits

✖ the sum of the upper and the lower limits

✖ half of the sum of the upper and the lower limits

Question Number : 297 Question Id : 16794312124 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

रिक्त स्थान के लिए सबसे उपयुक्त विकल्प चुनें।

एक सांख्यिकीय वितरण तालिका में, कक्षा अंतराल को किस रूप में मापा जाता है?

Options :

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✔ ऊपरी और निचली सीमाओं के बीच के अंतर

✖ ऊपरी और निचली सीमाओं के बीच के अंतर के आधा

✖ ऊपरी और निचली सीमाओं के योग

✖ ऊपरी और निचली सीमाओं के योग के आधा

Question Number : 298 Question Id : 16794312125 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Chain Notes is a method of evaluation that checks the student's reflection about which of the following?

Options :

✖ Teaching learning material

✖ Teaching methods

✔ Content

✖ Teacher's explanation

Question Number : 298 Question Id : 16794312125 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

चेन नोट्स मूल्यांकन का एक तरीका है। यह निम्नलिखित में से किस के बारे में छात्र के रूझान की जांच करता है?

Options :

✖ सीखने की सामग्री शिक्षण

✖ शिक्षण विधियां

✔ सामग्री

✖ शिक्षक की व्याख्या

Question Number : 299 Question Id : 16794312126 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Choose the best option.

Introducing Special schools for students with Special Educational Needs (SEN) in reality is a way of:

Options :

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✖ supporting them

✖ allowing them space for being themselves

✖ giving them special attention

✔ isolating them

Question Number : 299 Question Id : 16794312126 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

सही पर्याय चुनें।

विशेष शैक्षिक आवश्यकताओं (एस.ई.एन.) वाले छात्रों के लिए विशेष विद्यालयों का आरंभ करना निम्नलिखित में से किसका एक तरीका है?

Options :

✖ उनका समर्थन करना

✖ उनको अपने आप ही में स्वच्छंद होने देना

✖ उन पर विशेष ध्यान देना

✔ उन्हें अलग करना

Question Number : 300 Question Id : 16794312127 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Distortions and omissions are clear cases of which type of disorders?

Options :

✖ Hearing

✖ Visual

✔ Speech

✖ Attention

Question Number : 300 Question Id : 16794312127 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

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विकृतियां और चूक किस प्रकार के विकारों के स्पष्ट मामले हैं?

Options :

✖ श्रवण

✖ दृश्य

✔ भाषण

✖ ध्यान

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