Quick Sarkari

DSSSB PREVIOUS YEAR PAPER WITH ANSWER KEY

DSSSB Court Attendant / Room Attendant / Security Attendant

6 June 2026 · Shift 1

डीएसएसएसबी कोर्ट अटेंडेंट / रूम अटेंडेंट / सिक्योरिटी अटेंडेंट – 6 जून 2026, शिफ्ट 1 का प्रश्न पत्र, उत्तर कुंजी सहित

99	150 min	1 / −0.25	English
Questions / प्रश्न	Duration / समय	Marks per Q / अंक	Language / भाषा

Sections: Hindi, English, General Knowledge, Arithmetic

INSIDE THIS PDF / इस PDF में

Question Paper with Answer Key (correct option marked in green) + answer table
प्रश्न पत्र, उत्तर कुंजी सहित (सही विकल्प हरे रंग में) + उत्तर तालिका — Page 2–17

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

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   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 shown in green.
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DSSSB Court Attendant / Room Attendant / Security Attendant – Question Paper

Exam held on 6 June 2026, Shift 1 · 99 questions · correct answers marked ✔ in green

Hindi

Q.1 'खोदा पहाड़ निकली चुहिया' लोकोक्ति का सही अथ है –

(1) निराला ढंग

(2) गुण कुछ नहीं, पर गुणी कहलाना

(3) कठिन परिश्रम, थोड़ा लाभ ✔

(4) शेख़ी बघारना

Q.2 नीचे चार वाक्य दिए गए हैं। इन्हें सही क्रम में लगाएँ: अ. सभी के जीवन की एक कहानी होती है। ब. संवेदना अंतवस्तु की बुनियाद होती है। स. हर कहानी की अपनी एक अंतवस्तु होती है। द. निष्कष में कहानी का शीष चित्रित होता है।

(1) अ ब स द

(2) अ स ब द ✔

(3) अ द ब स

(4) ब स अ द

Q.3 निम्नलिखित वाक्य को उचित क्रम में लिखें-

(1) 'अलम' धातु से 1. 4, 3, 2, 1 2. 3, 2, 1, 4 3. 2, 1, 4, 3 4. 4, 1, 2, 3

(2) अलंकार शब्द

(3) अथ है 'आभूषण' ✔

(4) बना है जिसका

Q.4 निम्नांकित विकल्पों में से उचित कारक चिह्न का चयन करके वाक्य पूण करें- हेमंत ..... खीर अच्छी लगती है।

(1) के

(2) को ✔

(3) का

(4) की

Q.5 इस वाक्य में एक त्रुटि है। निम्नलिखित विकल्पों में से त्रुटिपूण शब्द चुनकर वाक्य को शुद्ध करें। समाज की वतमान दसा बहुत अधिक चिंताजनक है।

(1) वतमान

(2) चिंताजनक

(3) की

(4) दसा ✔

Q.6 'कभी के दिन बड़े कभी की रात' लोकोक्ति का अथ क्या है?

(1) शांत व्यक्ति के सब मित्र होते हैं।

(2) सब दिन एक समान नहीं होते। ✔

(3) ऊँचे पद का लालच रखना।

(4) किसी का प्रभाव किसी और पर पड़ना।

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Q.7 सर्वोचित क्रिया-विशेषण शब्द से दिये गये वाक्य का रिक्त स्थान पूण करें-- वह लड़का ..... बैठकर अपनी पुरानी यादें ताज़ा करेगा।

(1) उधर ✔

(2) स्वयं

(3) यथाक्रम

(4) तले

Q.8 दिये गये वाक्य का रिक्त स्थान सर्वोचित क्रिया शब्द से पूण करें-- हवा ..... से पेड़ की पत्तियाँ नीचे गिर रही हैं।

(1) फैलने

(2) बदलने

(3) चलने ✔

(4) उड़ने

Q.9 नीचे दिए गए वाक्य खंडों को सही क्रम में व्यवस्थित कीजिए -

(1) ब्याह नहीं 1. 4312 2. 4132 3. 2413 4. 2134

(2) अब तो

(3) करेंगे ✔

(4) हम हरगिज

Q.10 निम्नलिखित वाक्य के रिक्त स्थान में उचित 'कम कारक-चिह्न' का प्रयोग कीजिए- 'अध्यापक ने डेविड_____पढ़ाया।'

(1) का

(2) से

(3) को ✔

(4) हे

Q.11 वाक्य के किस भाग में त्रुटि है? कल एक साहितिक गोष्ठी हुई थी।

(1) गोष्ठी

(2) कल एक

(3) हुई थी।

(4) साहितिक ✔

Q.12 नीचे दिए वाक्य में रिक्त-स्थान की पूर्ति के लिए दिए गए विकल्पों में से सावनामिक विशेषण चुनें- _____कमाई खाओ।

(1) अपनी ✔

(2) तुम्हारा

(3) उनका

(4) अपना

Q.13 निम्नलिखित वाक्य के किस भाग में त्रुटि है? 'बिजली धमक रही है।'

(1) रही

(2) बिजली

(3) है।

(4) धमक ✔

Q.14 उपयुक्त विशेषण का चयन कर दिए गए वाक्य को पूण कीजिए। ' रिया की टोपी .....है।'

(1) ताज़ा

(2) दुबली

(3) गोल ✔

(4) अनुचित

Q.15 'शीला खाना खाकर सो जाएगी |' वाक्य में पूवकालिक क्रिया है -

(1) शीला

(2) खाकर ✔

(3) खाना

(4) जाएगी

Q.16 निम्नलिखित में से कौन-सा एक 'तद्भव-तत्सम' शब्द-युग्म सही नहीं है-

(1) पखवारा-पक्षवार

(2) पतोहू-पुत्रवधू

(3) पूव-पीठक ✔

(4) पतला-प्रतनु

Q.17 निम्नलिखित विकल्पों में से कपर्दिका का तद्भव शब्द पहचानें।

(1) दिया

(2) कागज़

(3) कौड़ी ✔

(4) कृपा

Q.18 'जी खट्टा होना' मुहावरे का सही अथ है –

(1) बात फैलाना

(2) इशारा करना

(3) अत्याचार करना

(4) खराब अनुभव होना ✔

Q.19 'भूखे भजन न होय गोपाल' लोकोक्ति का सही अथ क्या होगा?

(1) भूख लगी हो तो कोई काम नहीं होता ✔

(2) बीच में दखल देने वाला

(3) थकने पर विश्राम चाहिए

(4) केवल दिखावटी शान

Q.20 'ओठ सूखना' मुहावरे का सही अथ है –

(1) प्यास लगना ✔

(2) बहुत थक जाना

(3) भेद पाना

(4) बेसिर पैर की बात

Q.21 गद्यांश के अनुसार 'अखंड' शब्द का सही अथ क्या है?

(1) जो टूट गया हो

(2) बहुत छोटा हिस्सा

(3) जिसके टुकड़े न हुए हो ✔

(4) खंडित प्रदेश

Q.22 गद्यांश में प्रयुक्त शब्द 'प्राचीन' का सही विलोम शब्द चुनिए:

(1) पुराना

(2) ऐतिहासिक

(3) बीटा हुआ

(4) नवीन ✔

Q.23 गद्यांश में आए शब्द 'सम्राट' का सही पयायवाची शब्द कौन-सा है?

(1) प्रजा

(2) राजा ✔

(3) मंत्री

(4) सैनिक

Q.24 प्रस्तुत गद्यांश के लिए सबसे उपयुक्त शीषक कौन-सा है?

(1) सोने की चिड़िया

(2) ताजमहल की कला

(3) आधुनिक भारत

(4) भारत का गौरवशाली इतिहास ✔

Q.25 इस गद्यांश का मुख्य भाव क्या है?

(1) भारत को केवल युद्धों के लिए जाना जाता है।

(2) भारत हमेशा से एक कमजोर देश रहा है।

(3) इतिहास पढ़ने से कोई लाभ नहीं होता।

(4) भारत का इतिहास वीरता, समृद और महान संस्कृति से भरा है। ✔

English

Q.26 Choose the correct passive form of the sentence. The committee approved the revised policy after extensive deliberation.

(1) The revised policy was approved by the committee after extensive deliberation. ✔

(2) The revised policy is being approved by the committee after extensive deliberation.

(3) The revised policy has been approved by the committee after extensive deliberation.

(4) The revised policy is approved by the committee after extensive deliberation.

Q.27 Arrange the sentence in a logical order. A- so the teachers organized additional remedial and revision classes B- to help them prepare thoroughly and perform with confidence C- the final examination was rapidly drawing near D- causing a growing sense of anxiety among many students

(1) D A B C

(2) B C D A

(3) A B C D

(4) C D A B ✔

Q.28 Read the following sentence and identify the wrongly spelt word. The scientist carefuly observed the peculiar behaviour of the chemical.

(1) observed

(2) peculiar

(3) scientist

(4) carefuly ✔

Q.29 Select the most appropriate option to complete the sentence. The author's _____ style captivated readers and kept them engaged throughout the novel.

(1) rigid

(2) awkward

(3) uninspired

(4) eloquent ✔

Q.30 Select the option that expresses the given sentence in active voice. The mail is delivered at 9 a.m. every day.

(1) The mail delivers itself at 9 a.m. every day.

(2) Someone has delivered the mail at 9 a.m. every day.

(3) Someone delivered the mail at 9 a.m. every day.

(4) Someone delivers the mail at 9 a.m. every day. ✔

Q.31 Select the option that expresses the given sentence in reported speech. "Where did you go yesterday?" she asked.

(1) She asked where had I gone the previous day.

(2) She asked that where I had gone yesterday.

(3) She asked where I went yesterday.

(4) She asked where I had gone the previous day. ✔

Q.32 Select the option that rectifies the INCORRECTLY spelt word in the given sentence. She handled the mischevious students calmly, noting each occurrence in her report with discipline, patience, and accuracy.

(1) mischievous ✔

(2) accurasy

(3) occurrance

(4) patiense

Q.33 Arrange the segments (PQRST) to make a logical sentence: The first segment remains fixed. Fixed Segment: Whenever I visit my grandparents, P: the fascinating stories Q: about their childhood R: I listen intently to S: and learn valuable lessons T: while sitting by the fireplace,

(1) Q P R T S

(2) P Q R S T

(3) R P Q T S ✔

(4) T P R Q S

Q.34 Select the most appropriate option to fill in the blank. The manager had the documents _____ before the meeting began.

(1) prepare

(2) preparing

(3) prepared ✔

(4) to prepare

Q.35 Choose the most suitable option to substitute the underlined words in the sentence. Her mastery in the study of the mind and behavior has enabled her to build a distinguished professional career.

(1) Philosophy

(2) Anthropology

(3) Psychology ✔

(4) Sociology

Q.36 In the following sentence, a part has been underlined. Choose the word that best substitutes the underlined segment. After years of rigorous study and clinical training, she decided to specialize in the branch of medical science that studies the nerves and the nervous system, contributing significantly to research on brain disorders.

(1) neurology ✔

(2) chemistry

(3) anatomy

(4) biology

Q.37 Select the most appropriate option to fill in the blanks. If no article is required, select the option with 'No article required'. _____ Mississippi River flows into _____ Gulf of Mexico at _____ New Orleans.

(1) The; the; No article required ✔

(2) No article required; the; the

(3) The; a; No article required

(4) The; the; the

Q.38 Select the most appropriate option to fill in the blank. The committee members consistently _____ the progress of the new policy implementation.

(1) monitors

(2) will have monitored

(3) was monitored

(4) monitor ✔

Q.39 Choose the correct form of the sentence:

(1) I called my friend everyday, She lives in Bangalore.

(2) I am calling my friend everyday, She lived in Bangalore.

(3) I call my friend every day; she lives in Bangalore. ✔

(4) I am calling my friend everyday, She lives in Bangalore

Q.40 Select the most appropriate option to fill in the blanks. The investigation focused on _____ underlying causes of the crisis and _____ long-term consequences that were initially underestimated.

(1) the, the ✔

(2) a, the

(3) the, a

(4) a, a

Q.41 Substitute the highlighted word segment with the suitable option. The department was successful because they started working on the project before anyone else, showing that being prepared and proactive provides a decisive edge.

(1) fortune favours the bold

(2) the early bird catches the worm ✔

(3) actions speak louder than words

(4) slow and steady wins the race

Q.42 In the following sentence, identify the word that is opposite in meaning to the underlined word. The critic described the narrative as conventional, relying on familiar literary patterns.

(1) traditional

(2) innovative ✔

(3) customary

(4) orthodox

Q.43 Find the antonym of the highlighted word in the sentence. The politician's response was ambiguous, causing confusion.

(1) humorous

(2) clear ✔

(3) casual

(4) vague

Q.44 Choose the synonym for the underlined word in the sentence: The committee will scrutinize every application carefully.

(1) approve

(2) examine ✔

(3) reject

(4) ignore

Q.45 Choose the correct option to substitute the underlined words in the sentence. The young boy did not think logically about the consequences of the situation and invested without proper consideration, proving that reckless people often take risks that wise people avoid.

(1) it is always darkest before the dawn

(2) Rome was not built in a day

(3) actions speak louder than words

(4) fools rush in where angels fear to tread ✔

Q.46 Identify the suitable title for the passage.

(1) Organized Facilities Help Individuals Explore Ideas Through Reading Materials

(2) Public Libraries Provide Access to Knowledge and Learning Resources ✔

(3) Community Centers Offer Opportunities for Study and Information Access

(4) Reading Spaces Support Education and Encourage Personal Development

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Q.47 Identify the main theme of the passage.

(1) Government efforts help improve facilities and attract library visitors

(2) Reading programs encourage participation and increase community involvement

(3) Digital devices reduce interest in traditional reading among individuals

(4) Libraries support education and provide equal access to learning resources ✔

Q.48 Mention the facts given in the passage.

(1) Libraries provide five types of reading materials for public use

(2) Libraries provide four types of reading materials for public use ✔

(3) Libraries provide six types of reading materials for public use

(4) Libraries provide three types of reading materials for public use

Q.49 Identify the structure of the passage.

(1) Topic described with examples leading to useful educational outcomes

(2) Idea introduced followed by problems and methods for improvement ✔

(3) Concept presented with causes and resulting learning related effects

(4) Information arranged with comparison and concluding general statement

Q.50 Identify the tone of the passage.

(1) Descriptive with emphasis on explaining reading and study practices

(2) Serious with warning about declining interest in libraries

(3) Informative with encouragement towards supporting public library usage ✔

(4) Neutral with focus on describing facilities and available resources

General Knowledge

Q.51 Which Indian island lies between Amini Island to the south and Chetlat Island to the north?

(1) Kalpeni

(2) Kadmat ✔

(3) Kiltan

(4) Androtт

Q.52 Who was a prominent moderate leader and a renowned economist?

(1) Bal Gangadhar Tilak

(2) Lala Lajpat Rai

(3) Dadabhai Naoroji ✔

(4) Bipin Chandra Pal

Q.53 Who appoints the Advocate General of the State?

(1) President

(2) Governor ✔

(3) Chief Minister

(4) Chief Justice

Q.54 Which type of neuron in the human nervous system carries electrochemical impulses away from the central nervous system to effectors such as muscles or glands, enabling response or action?

(1) Sensory neurons

(2) Relay neurons

(3) Motor neurons ✔

(4) Interneurons

Q.55 What is the significance of Article 21 in the Indian Constitution?

(1) It guarantees freedom of religion

(2) It provides freedom of speech and expression

(3) It protects the right to life and personal liberty ✔

(4) It ensures equality before law

Q.56 The border line between India and Bangladesh is known as which of the following?

(1) Radcliffe Line ✔

(2) McMahon Line

(3) Line of Actual Control

(4) Durand Line

Q.57 Which Constitutional Amendment provides for the establishment of the Panchayati Raj System in India?

(1) 73rd Constitutional Amendment ✔

(2) 42nd Constitutional Amendment

(3) 74th Constitutional Amendment

(4) 97th Constitutional Amendment

Q.58 Which article of the Indian Constitution directs the State to raise the level of nutrition and standard of living?

(1) Article 47 ✔

(2) Article 43

(3) Article 42

(4) Article 41

Q.59 The Aligarh Institute Gazette, an organ of the Scientific Society, was launched in _____ and succeeded in agitating the minds in the traditional Muslim society.

(1) 1879

(2) 1861

(3) 1885

(4) 1866 ✔

Q.60 In metropolitan cities of India, First Class Magistrates are known as ____.

(1) Metropolitan Magistrates ✔

(2) Urban Magistrates

(3) Municipal Judges

(4) State Judges

Q.61 The Permanent Settlement of Bengal was introduced in the year _____.

(1) 1793 ✔

(2) 1790

(3) 1799

(4) 1893

Q.62 At which of the following places was the Eastern Regional Language Centre established in 1970?

(1) Guwahati

(2) Bhubaneswar ✔

(3) Kolkata

(4) Patna

Q.63 Consider the redox reaction: $H_2 + CuO \rightarrow Cu + H_2O$. During this reaction, which substance undergoes oxidation, meaning it loses electrons and its oxidation state increases?

(1) Copper(II) oxide (CuO)

(2) Copper (Cu)

(3) Water (H_2O)

(4) Hydrogen (H) ✔

Q.64 Which Constitutional Part contains the Directive Principles of State Policy?

(1) Part V

(2) Part III

(3) Part IV ✔

(4) Part VI

Q.65 'Giddha' is the popular folk dance of which Indian state?

(1) Punjab ✔

(2) Karnataka

(3) Assam

(4) Rajasthan

Q.66 Which women cricketer was awarded the Padma Shri, 2026?

(1) Smriti Mandhana

(2) Deepti Sharma

(3) Shafali Verma

(4) Harmanpreet Kaur ✔

Q.67 As per PIB October, 2025 which policy think tank of the Government of India released twin reports on India's Services Sector, analysing Gross Value Added (GVA) trends, employment patterns, and state-wise dynamics?

(1) NITI Aayog ✔

(2) Ministry of Cooperation

(3) National Human Rights Commission

(4) Capacity Building Commission

Q.68 The electronic National Agriculture Market (e-NAM) was launched in which year?

(1) 2016 ✔

(2) 2013

(3) 2005

(4) 2008

Q.69 What kind of trees will be planted under the “Rajiv Gandhi Van Samvardhan Yojana”?

(1) Timber-producing trees

(2) Fruit-bearing trees ✔

(3) Decorative trees

(4) Medicinal plants

Q.70 Who won the first-rank National Gopal Ratna Award in the Best Dairy Farmer category (Non-NER) in 2025?

(1) Mrs. Anuradha Chakali

(2) Dr. Kankanala Krishna Reddy

(3) Mr. Harshit Jhuria

(4) Aravind Yashavant Patil ✔

Q.71 Which Indian states share a land border with Myanmar?

(1) Assam, Meghalaya, Tripura, Jharkhand

(2) Arunachal Pradesh, Nagaland, Manipur, Mizoram ✔

(3) Sikkim, West Bengal, Assam, Arunachal Pradesh

(4) Bihar, Uttar Pradesh, West Bengal, Nagaland

Q.72 What is the definition of a 'Sunrise Industry'?

(1) An industry that has reached its peak growth

(2) A rapidly growing sector with potential ✔

(3) An industry with a long- established history

(4) A sector that requires significant government intervention

Q.73 Which Indian deep-tech startup, incubated at IIT Kanpur, has developed the proprietary zinc-based battery technology known as ZincGel® featured by NITI Aayog in March 2026?

(1) Pravaig Dynamics

(2) Offgrid Energy Labs ✔

(3) Log9 Materials

(4) Gegadyne Energy

Q.74 The Second Five Year Plan in India focused on the development of which sector?

(1) Heavy Industries ✔

(2) Trade and Commerce

(3) Services

(4) Agriculture

Q.75 Where did the World Sports Summit take place in December 2025?

(1) Doha, Qatar

(2) Dubai, United Arab Emirates ✔

(3) Abu Dhabi, United Arab Emirates

(4) Riyadh, Saudi Arabia

Arithmetic

Q.76 A shopkeeper offers the following schemes on toys of the same marked price. (A) Successive discounts of 7% and 14% on any number of toys bought. (B) Successive discounts of 10%, 20% and 5% on any number of toys bought. (C) 27% discount on the first 2 toys and 12% discount on each toy thereon. (D) Pay for 8 toys and receive 10 toys. A customer wants to buy 10 toys. Which of the above schemes is the least beneficial to her?

(1) B

(2) C ✔

(3) A

(4) D

Q.77 The average marks of 30 students of a class in a psychometric test is 48. If the teacher includes marks of another section's topper, the average increases by

(1) Find the marks of another section's topper. 1. 76

(2) 74

(3) 79 ✔

(4) 71

Q.78 A number is first increased by 20% and then decreased by 20%. What is the net percentage change?

(1) no change

(2) 2% decrease

(3) 4% increase

(4) 4% decrease ✔

Q.79 The HCF and LCM of the two numbers are 5 and 150 respectively. If one of the numbers is 15, find the other.

(1) 40

(2) 50 ✔

(3) 45

(4) 35

Q.80 Rahul purchased lemons at ₹72 per dozen and sold them at ₹50 for every 10 lemons. What is the gain or loss percentage?

(1) $\frac{49}{3}$ % Profit

(2) $\frac{49}{3}$ % loss

(3) $\frac{49}{3}$% loss ✔

(4) $\frac{49}{3}$% , Profit

Q.81 Manjit's salary was first reduced by 41% and subsequently raised by 38%. By what percentage was his final salary lower compared to his initial salary?

(1) 38%

(2) 15.58%

(3) 3%

(4) 18.58% ✔

Q.82 In what ratio must a grocer mix two varieties of wheat worth ₹98 per kg and ₹104 per kg so that if he sells the mixture at ₹123 per kg he may gain 23%?

(1) 2:1 ✔

(2) 11:6

(3) 3:2

(4) 5:2

Q.83 A college maintains an average of 25 students per professor. After hiring 2 new professors, the total number of students increases to 1725. How many professors are there now?

(1) 71

(2) 68

(3) 70

(4) 69 ✔

Q.84 Rohit deposited a certain sum of money at 8% rate of interest per annum, compounded annually. At the end of 2 years, Rohit received a total amount of ₹7873 2. What was the sum of money deposited by Rohit?

(1) ₹67639

(2) ₹67348

(3) ₹67500 ✔

(4) ₹67559

Q.85 Find the duration (in years) in which ₹1,500 will amount to ₹2,220 at a rate of 4% per annum simple interest.

(1) 12 ✔

(2) 14

(3) 13

(4) 11

Q.86 A product is marked ₹800. Two successive discounts of 25% and 20% are offered. What is the final selling price?

(1) ₹500

(2) ₹460

(3) ₹450

(4) ₹480 ✔

Q.87 Two numbers are in the ratio of 5 : 7. Their LCM is 315. Find their HCF.

(1) 9 ✔

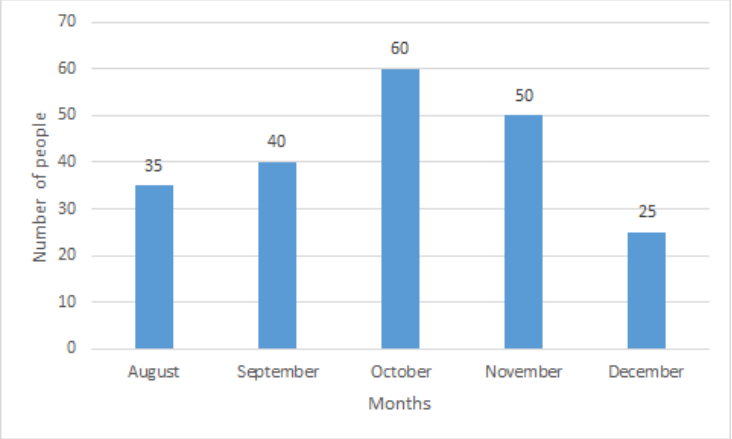
(2) 11

(3) 8

(4) 7

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Q.88 The following bar graph shows the birthday months of 210 people. How many more people have their birthdays in October than in December?



(1) 15
(2) 20
(3) 25
(4) 35 ✔

Q.89 A trader marks his goods 43% above the cost price and allows a discount of 20% on it. He gains x%, then the value of x is:

(1) 14.4 ✔
(2) 16.4
(3) 13.4
(4) 15.4

Q.90 A circle is inscribed in a square whose side is 10 cm and another circle circumscribes the same square. Find the ratio of the circumference of the bigger circle to that of the smaller circle.

(1) $1:\sqrt{2}$ **✔**
(2) $1:\sqrt{2}$
(3) $2:1$
(4) $2:1$

Q.91 If 68% of the first number is equal to four-ninths of the second number, what is the ratio of the first number to the second number?

(1) 98 : 148
(2) 100 : 153 ✔
(3) 96 : 156
(4) 99 : 154

Q.92 A tank is initially empty. One tap can fill the tank completely in 3 hours, while another tap can empty a full tank in 12 hours. If both taps are opened at the same time, how long (in hours) will it take to fill three-fourths of the tank?

(1) 6
(2) 12
(3) 3 ✔
(4) 9

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Q.93 The ratio of two numbers is 4 : 7. If 16 is subtracted from the first number and 26 is added to the second number, the ratio becomes 2 : 5. Find the difference between the two original numbers.

(1) 72
(2) 54
(3) 48
(4) 66 ✔

Q.94 A factory employs machines A and B in the ratio 3:5 to complete a fixed job. Machine A alone finishes the job in 12 days, while machine B alone takes 8 days. If both machines work together in the given ratio, how long will they take? (Answer correct to two decimal places.)

(1) 7.87 days
(2) 9.14 days ✔
(3) 8.55 days
(4) 10.92 days

Q.95 A tank in the shape of an inverted cone has a radius of 6 m at the top and a depth of 9 m. It is filled with water to a height of 6 m from the bottom of the tank. A cylindrical pipe drains water from the tank at 2 m3/min. How long will it take to empty the tank?

(1) 12π minutes
(2) 12π minutes
(3) 12π minutes ✔
(4) 12π minutes

Q.96 A solid cube having volume 58752 cm3 is cut into 34 cubes of equal volume. The surface area (in cm2) of the each smaller cube is:

(1) 764 cm2
(2) 800 cm2
(3) 964 cm2
(4) 864 cm2 ✔

Q.97 A train of length 310 m running at a speed of 71 km/hr crosses another train of length 250 m running at 55 km/hr in the opposite direction. In how much time (in seconds) will they cross each other completely?

(1) 112
(2) 126
(3) 16 ✔
(4) 18

Q.98 A car travels 147 km at a speed of 35 km/h, then 180 km at a speed of 45 km/h, and finally 357.5 km at a speed of 65 km/h. What is the average speed of the car for the entire journey? (Round off to two decimal places.)

(1) 49.12 km/h
(2) 49.36 km/h
(3) 49.96 km/h ✔
(4) 49.64 km/h

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Q.99 X ,Y and Z together can complete a piece of work in 12 days, while X alone can complete it in 28 days and Z alone can complete it in 35 days. In how much time can Y alone complete the work?

(1) 52.5 days ✔

(2) 51.5 days

(3) 53.5 days

(4) 54.5 days

Answer Key

1 3	**2** 2	**3** 3	**4** 2	**5** 4	**6** 2	**7** 1	**8** 3	**9** 3	**10** 3	**11** 4	**12** 1	**13** 4	**14** 3	**15** 2
16 3	**17** 3	**18** 4	**19** 1	**20** 1	**21** 3	**22** 4	**23** 2	**24** 4	**25** 4	**26** 1	**27** 4	**28** 4	**29** 4	**30** 4
31 4	**32** 1	**33** 3	**34** 3	**35** 3	**36** 1	**37** 1	**38** 4	**39** 3	**40** 1	**41** 2	**42** 2	**43** 2	**44** 2	**45** 4
46 2	**47** 4	**48** 2	**49** 2	**50** 3	**51** 2	**52** 3	**53** 2	**54** 3	**55** 3	**56** 1	**57** 1	**58** 1	**59** 4	**60** 1
61 1	**62** 2	**63** 4	**64** 3	**65** 1	**66** 4	**67** 1	**68** 1	**69** 2	**70** 4	**71** 2	**72** 2	**73** 2	**74** 1	**75** 2
76 2	**77** 3	**78** 4	**79** 2	**80** 3	**81** 4	**82** 1	**83** 4	**84** 3	**85** 1	**86** 4	**87** 1	**88** 4	**89** 1	**90** 1
91 2	**92** 3	**93** 4	**94** 2	**95** 3	**96** 4	**97** 3	**98** 3	**99** 1						

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