

SSC CGL Tier-II Mock Test 1

Paper-I Style | 150 Original MCQs + DEST Practice + Answer Key

Prepared for Students Zone - The Thrive Journey

This SSC CGL Tier-II Mock Test is an original educational practice paper prepared to help students revise Paper-I style questions. It is not an official SSC paper. Students should verify the latest exam pattern, notification and syllabus from the official SSC website.

Section/Module	Questions	Purpose
Mathematical Abilities	30	Scoring and calculation accuracy
Reasoning and General Intelligence	30	Logic, pattern and decision skills
English Language and Comprehension	45	Grammar, vocabulary and comprehension
General Awareness	25	Static GK, polity, science and current basics
Computer Knowledge	20	Basic computer awareness
DEST Practice	1 passage	Typing speed and accuracy practice

Suggested Attempt Method

Attempt the paper in exam-like conditions. Do not check the answer key while solving. Mark doubtful questions and review them later. For wrong answers, revise the concept immediately.

Mathematical Abilities

- Q1.** If 40% of a number is 96, what is the number?
A. 220 B. 240 C. 260 D. 280
- Q2.** The ratio of two numbers is 5:7 and their sum is 144. Find the larger number.
A. 60 B. 72 C. 84 D. 96
- Q3.** A man sells an article at 20% profit. If the cost price is Rs. 750, find the selling price.
A. Rs. 850 B. Rs. 875 C. Rs. 900 D. Rs. 950
- Q4.** A sum of Rs. 8,000 amounts to Rs. 9,680 at simple interest in 3 years. Find the rate per annum.
A. 6% B. 7% C. 8% D. 9%
- Q5.** The average of 8 consecutive even numbers is 31. Find the smallest number.
A. 22 B. 24 C. 26 D. 28
- Q6.** A train 180 m long crosses a pole in 12 seconds. Find its speed in km/h.
A. 48 B. 54 C. 60 D. 66
- Q7.** If A can complete a work in 18 days and B in 27 days, in how many days will they complete it together?
A. 9.8 days B. 10.2 days C. 10.8 days D. 12 days
- Q8.** A and B invest Rs. 12,000 and Rs. 18,000 respectively. If total profit is Rs. 5,000, find B's share.
A. Rs. 2,000 B. Rs. 2,500 C. Rs. 3,000 D. Rs. 3,500
- Q9.** The marked price of an article is Rs. 1,200. After a discount of 15%, find the selling price.
A. Rs. 980 B. Rs. 1,020 C. Rs. 1,050 D. Rs. 1,080
- Q10.** Find the value of $(\frac{3}{5} + \frac{7}{10})$.
A. $\frac{11}{10}$ B. $\frac{12}{10}$ C. $\frac{13}{10}$ D. $\frac{14}{10}$
- Q11.** If $x^2 - 9x + 20 = 0$, then the roots are:
A. 2 and 10 B. 4 and 5 C. -4 and -5 D. 3 and 6
- Q12.** The radius of a circle is 7 cm. Find its area. Use $\pi = \frac{22}{7}$.
A. 144 sq cm B. 154 sq cm C. 164 sq cm D. 174 sq cm
- Q13.** If the perimeter of a rectangle is 70 cm and length is 20 cm, find its breadth.
A. 10 cm B. 15 cm C. 20 cm D. 25 cm
- Q14.** A shopkeeper allows 10% discount and still gains 20%. If marked price is Rs. 600, find cost price.
A. Rs. 420 B. Rs. 450 C. Rs. 480 D. Rs. 500
- Q15.** Two numbers are in the ratio 3:4. If their LCM is 84, find their HCF.
A. 7 B. 12 C. 21 D. 28
- Q16.** The value of 15% of 360 + 25% of 200 is:
A. 94 B. 104 C. 114 D. 124
- Q17.** A person covers $\frac{3}{5}$ of a journey by train, $\frac{1}{4}$ by bus and remaining 30 km on foot. Find total distance.
A. 150 km B. 180 km C. 200 km D. 220 km
- Q18.** If $\sin \theta = \frac{3}{5}$, then $\cos \theta$ for an acute angle is:
A. $\frac{2}{5}$ B. $\frac{3}{4}$ C. $\frac{4}{5}$ D. $\frac{5}{4}$
- Q19.** The volume of a cube is 729 cubic cm. Find its side.
A. 7 cm B. 8 cm C. 9 cm D. 10 cm
- Q20.** A number is increased by 20% and then decreased by 20%. Net change is:
A. No change B. 4% increase C. 4% decrease D. 2% decrease
- Q21.** Find the compound interest on Rs. 10,000 for 2 years at 10% per annum.
A. Rs. 1,000 B. Rs. 2,000 C. Rs. 2,100 D. Rs. 2,200
- Q22.** If 6 pencils cost Rs. 48, what is the cost of 15 pencils?
A. Rs. 100 B. Rs. 110 C. Rs. 120 D. Rs. 130

- Q23.** The difference between 75% and 60% of a number is 45. Find the number.
A. 250 **B.** 275 **C.** 300 **D.** 325
- Q24.** The median of 11, 7, 15, 20, 13 is:
A. 11 **B.** 13 **C.** 15 **D.** 20
- Q25.** A boat travels 24 km downstream in 3 hours. If speed of stream is 2 km/h, find speed of boat in still water.
A. 4 km/h **B.** 6 km/h **C.** 8 km/h **D.** 10 km/h
- Q26.** If $a:b = 2:3$ and $b:c = 4:5$, then $a:c$ is:
A. 8:15 **B.** 2:5 **C.** 3:5 **D.** 4:15
- Q27.** A mixture contains milk and water in the ratio 7:3. If mixture is 50 litres, how much milk is there?
A. 25 L **B.** 30 L **C.** 35 L **D.** 40 L
- Q28.** The diagonal of a square is $10\sqrt{2}$ cm. Find its side.
A. 5 cm **B.** 10 cm **C.** 15 cm **D.** 20 cm
- Q29.** If 16 workers earn Rs. 12,800 in 8 days, how much will 20 workers earn in 6 days at same rate?
A. Rs. 10,000 **B.** Rs. 11,500 **C.** Rs. 12,000 **D.** Rs. 12,500
- Q30.** The value of $0.25 \times 0.4 \times 1000$ is:
A. 10 **B.** 50 **C.** 100 **D.** 150

Reasoning and General Intelligence

- Q31.** Find the next term: 4, 9, 19, 39, ?
A. 69 **B.** 79 **C.** 89 **D.** 99
- Q32.** If DELHI is coded as EFMJI, then MUMBAI is coded as:
A. NVNCBJ **B.** NVNCZJ **C.** LVLAZH **D.** NWNCAJ
- Q33.** Choose the odd one out.
A. Carrot **B.** Potato **C.** Tomato **D.** Radish
- Q34.** In a row of 31 students, Ravi is 12th from the left. What is his rank from the right?
A. 18th **B.** 19th **C.** 20th **D.** 21st
- Q35.** A is the brother of B. B is the sister of C. C is the father of D. How is A related to D?
A. Father **B.** Uncle **C.** Brother **D.** Grandfather
- Q36.** Find the missing number: 7, 14, 28, 56, ?
A. 84 **B.** 98 **C.** 112 **D.** 126
- Q37.** If 'PAPER' is written as 'QBQFS', how will 'PENCIL' be written?
A. QFODJM **B.** QFODKM **C.** OFODJM **D.** QGODJM
- Q38.** Which pair is similar to Pen : Write?
A. Knife : Cut **B.** Book : Read **C.** Chair : Sit **D.** Clock : Time
- Q39.** Select the number that does not belong: 16, 25, 36, 49, 63, 81
A. 25 **B.** 36 **C.** 63 **D.** 81
- Q40.** A man walks 5 km east, turns left and walks 3 km, then turns left and walks 5 km. How far is he from starting point?
A. 0 km **B.** 3 km **C.** 5 km **D.** 8 km
- Q41.** Statements: All pens are books. Some books are papers. Conclusion I: Some pens are papers. Conclusion II: Some books are pens.
A. Only I follows **B.** Only II follows **C.** Both follow **D.** Neither follows
- Q42.** Find the next term: AZ, BY, CX, DW, ?
A. EV **B.** FU **C.** EX **D.** EW
- Q43.** If $4 \# 3 = 25$ and $5 \# 2 = 29$, then $6 \# 4 = ?$
A. 40 **B.** 45 **C.** 50 **D.** 52

- Q44.** Find the missing term: 2, 6, 12, 20, 30, ?
 A. 40 B. 42 C. 44 D. 46
- Q45.** If '+' means '-', '-' means 'x', 'x' means '/', and '/' means '+', then $12 / 6 - 2 + 4 = ?$
 A. 16 B. 20 C. 24 D. 28
- Q46.** Which figure of speech in reasoning: 'Bird : Nest :: Bee : ?'
 A. Hive B. Kennel C. Stable D. Den
- Q47.** If MONDAY is coded as 6 and FRIDAY is coded as 6, then SUNDAY is coded as:
 A. 5 B. 6 C. 7 D. 8
- Q48.** A cube has all faces painted and is cut into 64 equal smaller cubes. How many small cubes have exactly two painted faces?
 A. 12 B. 16 C. 24 D. 32
- Q49.** Find the next term: 1, 4, 9, 16, 25, ?
 A. 30 B. 35 C. 36 D. 49
- Q50.** Arrange in logical order: 1. Interview 2. Appointment 3. Application 4. Exam
 A. 3-4-1-2 B. 4-3-1-2 C. 3-1-4-2 D. 1-3-4-2
- Q51.** If North-East becomes South-West, what will East become under same opposite-direction rule?
 A. North B. South C. West D. East
- Q52.** Complete the analogy: Eye : Sight :: Ear : ?
 A. Sound B. Hear C. Noise D. Listen
- Q53.** Select the missing number: 8, 27, 64, 125, ?
 A. 196 B. 216 C. 225 D. 256
- Q54.** In the word 'GOVERNMENT', how many vowels are there?
 A. 3 B. 4 C. 5 D. 6
- Q55.** Find the odd pair:
 A. 12-144 B. 15-225 C. 17-289 D. 19-361
- Q56.** Find the odd pair:
 A. 11-121 B. 13-169 C. 14-186 D. 17-289
- Q57.** A clock shows 3:30. What is the angle between hour and minute hands?
 A. 60 degrees B. 75 degrees C. 90 degrees D. 105 degrees
- Q58.** Choose the word that cannot be formed from 'DETERMINATION'.
 A. MIND B. TRAIN C. NATION D. RANDOM
- Q59.** Choose the word that cannot be formed from 'DETERMINATION'.
 A. MIND B. TRAIN C. NATION D. PLANE
- Q60.** Which number comes next: 100, 96, 88, 76, 60, ?
 A. 40 B. 42 C. 44 D. 46

English Language and Comprehension

- Q61.** Choose the synonym of 'Abundant'.
 A. Scarce B. Plentiful C. Weak D. Brief
- Q62.** Choose the antonym of 'Expand'.
 A. Extend B. Increase C. Contract D. Develop
- Q63.** Select the correctly spelled word.
 A. Accomodate B. Acommodate C. Accommodate D. Acomodate
- Q64.** Fill in the blank: He is senior ___ me.
 A. than B. to C. from D. with

- Q65.** Identify the error: She do not like spicy food.
A. She B. do not C. like D. spicy food
- Q66.** Choose the correct passive voice: The manager approved the proposal.
A. The proposal was approved by the manager. B. The proposal approved by the manager. C. The manager was approved by the proposal. D. The proposal is approving manager.
- Q67.** Choose the meaning of the idiom 'Break the ice'.
A. To start a conversation B. To create trouble C. To lose hope D. To end a deal
- Q68.** One word substitution: A person who studies birds.
A. Botanist B. Ornithologist C. Geologist D. Philologist
- Q69.** Fill in the blank: The train arrived ___ time.
A. on B. in C. at D. by
- Q70.** Choose the correct sentence.
A. Neither of the answers are correct. B. Neither of the answers is correct. C. Neither answers is correct. D. Neither answer are correct.
- Q71.** Choose the antonym of 'Transparent'.
A. Clear B. Opaque C. Visible D. Pure
- Q72.** Choose the synonym of 'Diligent'.
A. Lazy B. Careful and hardworking C. Careless D. Angry
- Q73.** Fill in the blank: I prefer tea ___ coffee.
A. than B. over C. to D. from
- Q74.** Identify the error: The news are shocking.
A. The B. news C. are D. shocking
- Q75.** Choose the correct indirect speech: He said, 'I am tired.'
A. He said that he was tired. B. He said that I am tired. C. He said he is tired. D. He says he was tired.
- Q76.** Choose the correctly spelled word.
A. Conscience B. Consience C. Conscence D. Consciense
- Q77.** Meaning of idiom 'Hit the nail on the head'.
A. To be exactly right B. To hurt someone C. To repair something D. To make a mistake
- Q78.** One word substitution: A place where coins are made.
A. Mint B. Mine C. Treasury D. Bank
- Q79.** Fill in the blank: She has been working here ___ 2020.
A. for B. since C. from D. by
- Q80.** Choose the correct article: He bought ___ umbrella.
A. a B. an C. the D. no article
- Q81.** Choose the antonym of 'Hostile'.
A. Unfriendly B. Friendly C. Harsh D. Angry
- Q82.** Choose the synonym of 'Brief'.
A. Short B. Long C. Huge D. Clear
- Q83.** Spot the error: Each of the boys have a notebook.
A. Each B. of the boys C. have D. a notebook
- Q84.** Choose the correct sentence.
A. He is good in English. B. He is good at English. C. He is good on English. D. He is good by English.
- Q85.** Fill in the blank: The committee ___ divided on the issue.
A. was B. were C. is D. has
- Q86.** Choose the meaning of 'Once in a blue moon'.
A. Very rarely B. Very often C. At midnight D. Suddenly

- Q87.** One word substitution: Fear of water.
A. Hydrophobia B. Acrophobia C. Claustrophobia D. Xenophobia
- Q88.** Choose the correctly spelled word.
A. Occassion B. Ocasion C. Occasion D. Occation
- Q89.** Fill in the blank: He insisted ____ paying the bill.
A. on B. in C. to D. for
- Q90.** Choose the synonym of 'Reluctant'.
A. Willing B. Unwilling C. Happy D. Ready
- Q91.** Choose the antonym of 'Victory'.
A. Success B. Defeat C. Triumph D. Win
- Q92.** Choose the active voice: The song was sung by her.
A. She sings the song. B. She sang the song. C. She has sung song. D. She was singing song.
- Q93.** Spot the error: I have visited Delhi last year.
A. I B. have visited C. Delhi D. last year
- Q94.** Fill in the blank: There is no exception ____ this rule.
A. of B. to C. from D. for
- Q95.** Choose the meaning of 'To call it a day'.
A. To stop working B. To start work C. To celebrate D. To postpone
- Q96.** One word substitution: A person who cannot read or write.
A. Illiterate B. Literate C. Scholar D. Editor
- Q97.** Choose the synonym of 'Cautious'.
A. Careful B. Careless C. Brave D. Weak
- Q98.** Choose the antonym of 'Permanent'.
A. Lasting B. Temporary C. Fixed D. Stable
- Q99.** Fill in the blank: He is afraid ____ dogs.
A. from B. of C. with D. by
- Q100.** Correct the sentence: She is more smarter than her sister.
A. She is smartest than her sister. B. She is smarter than her sister. C. She is more smart than her sister. D. She is most smarter than her sister.
- Q101.** Choose the correctly spelled word.
A. Privilege B. Priviledge C. Privilage D. Previlage
- Q102.** Meaning of idiom 'Spill the beans'.
A. Reveal a secret B. Cook food C. Waste money D. Win a prize
- Q103.** One word substitution: Government by the people.
A. Autocracy B. Democracy C. Monarchy D. Oligarchy
- Q104.** Choose the correct preposition: The book is ____ the table.
A. on B. in C. at D. by
- Q105.** Choose the synonym of 'Genuine'.
A. Fake B. Original C. Weak D. Ordinary

General Awareness

- Q106.** Which part of the Constitution contains Fundamental Rights?
A. Part II B. Part III C. Part IV D. Part V
- Q107.** Who was the first President of India?
A. Dr. Rajendra Prasad B. Dr. S. Radhakrishnan C. C. Rajagopalachari D. Jawaharlal Nehru

- Q108.** The Tropic of Cancer passes through how many Indian states?
A. 6 B. 7 C. 8 D. 9
- Q109.** Which is the largest gland in the human body?
A. Pancreas B. Liver C. Thyroid D. Pituitary
- Q110.** Who founded the Maurya Empire?
A. Ashoka B. Bindusara C. Chandragupta Maurya D. Harsha
- Q111.** The term 'repo rate' is associated with:
A. Banking and monetary policy B. Agriculture C. Defence D. Education
- Q112.** Which river is known as the Dakshin Ganga?
A. Godavari B. Krishna C. Kaveri D. Mahanadi
- Q113.** Who wrote 'Discovery of India'?
A. Mahatma Gandhi B. Jawaharlal Nehru C. B. R. Ambedkar D. Sardar Patel
- Q114.** Which gas is used in fire extinguishers?
A. Oxygen B. Nitrogen C. Carbon dioxide D. Hydrogen
- Q115.** The headquarters of ISRO is located in:
A. Mumbai B. Bengaluru C. Hyderabad D. Chennai
- Q116.** Which amendment is known for lowering voting age from 21 to 18?
A. 42nd B. 44th C. 61st D. 73rd
- Q117.** Which state is famous for the classical dance form Kathakali?
A. Tamil Nadu B. Kerala C. Odisha D. Assam
- Q118.** Which metal is liquid at room temperature?
A. Iron B. Mercury C. Copper D. Aluminium
- Q119.** The Planning Commission was replaced by:
A. Finance Commission B. NITI Aayog C. Election Commission D. GST Council
- Q120.** Which organ purifies blood in the human body?
A. Heart B. Lungs C. Kidney D. Stomach
- Q121.** The Non-Cooperation Movement started in:
A. 1919 B. 1920 C. 1922 D. 1930
- Q122.** Who is known as the Missile Man of India?
A. C. V. Raman B. A. P. J. Abdul Kalam C. Homi Bhabha D. Vikram Sarabhai
- Q123.** Which is the smallest continent by area?
A. Europe B. Australia C. Antarctica D. South America
- Q124.** Which vitamin helps in blood clotting?
A. Vitamin A B. Vitamin C C. Vitamin D D. Vitamin K
- Q125.** The first battle of Panipat was fought in:
A. 1526 B. 1556 C. 1761 D. 1857
- Q126.** Which is the upper house of Indian Parliament?
A. Lok Sabha B. Rajya Sabha C. Vidhan Sabha D. Gram Sabha
- Q127.** Which force keeps planets in orbit around the Sun?
A. Magnetic force B. Gravitational force C. Frictional force D. Nuclear force
- Q128.** Who composed India's national anthem?
A. Bankim Chandra Chatterjee B. Rabindranath Tagore C. Sarojini Naidu D. Subramania Bharati
- Q129.** The main source of energy for Earth is:
A. Moon B. Sun C. Wind D. Coal
- Q130.** Which is the longest river in India?

A. Yamuna B. Ganga C. Godavari D. Narmada

Computer Knowledge

Q131. CPU stands for:

A. Central Processing Unit B. Computer Personal Unit C. Central Program Utility D. Control Processing User

Q132. Which of the following is an input device?

A. Monitor B. Printer C. Keyboard D. Speaker

Q133. MS Excel files commonly use which extension?

A. .docx B. .xlsx C. .pptx D. .txt

Q134. Which shortcut is used to copy selected text?

A. Ctrl+X B. Ctrl+C C. Ctrl+V D. Ctrl+Z

Q135. Which of the following is system software?

A. MS Word B. Windows C. Photoshop D. Chrome

Q136. RAM is:

A. Permanent memory B. Volatile memory C. Output device D. Storage disk

Q137. Which protocol is used for secure web browsing?

A. HTTP B. HTTPS C. FTP D. SMTP

Q138. Which key is used to refresh a webpage in most browsers?

A. F1 B. F2 C. F5 D. F12

Q139. A computer virus is:

A. A hardware part B. A malicious program C. A power cable D. A display error

Q140. Which shortcut is used to paste copied text?

A. Ctrl+P B. Ctrl+V C. Ctrl+A D. Ctrl+S

Q141. Which unit is used to measure processor speed?

A. Hertz B. Volt C. Watt D. Pixel

Q142. What is the full form of URL?

A. Uniform Resource Locator B. Universal Record Link C. Uniform Response Line D. User Resource Login

Q143. Which of these is an example of an operating system?

A. Linux B. Excel C. PowerPoint D. PDF

Q144. In email, CC stands for:

A. Carbon Copy B. Common Code C. Computer Copy D. Central Communication

Q145. Which device is used to connect a computer to a network?

A. Router B. Scanner C. Projector D. Plotter

Q146. Which shortcut selects all content?

A. Ctrl+A B. Ctrl+B C. Ctrl+I D. Ctrl+U

Q147. A firewall is used for:

A. Network security B. Printing C. Typing D. Image editing

Q148. Which storage device generally has no moving parts?

A. HDD B. SSD C. CD-ROM D. Floppy Disk

Q149. Which of these is a web browser?

A. Chrome B. Windows C. Linux D. Excel

Q150. Which file format is commonly used for portable documents?

A. .pdf B. .exe C. .bat D. .dll

DEST Practice Passage

Type the following passage within 15 minutes. Focus on accuracy first and then speed.

India's digital public infrastructure has made services faster, simpler and more transparent for citizens. Students preparing for competitive examinations must understand that technology is not only useful for communication but also for governance, education, banking, health services and public delivery. A disciplined candidate should practice typing every day, maintain accuracy and avoid panic during the actual skill test. Consistent practice, correct posture and calm concentration can improve speed over time.

Self-Check: Count errors, missed words, wrong spellings and extra spaces after typing.

Answer Key

Q	Ans	Q	Ans	Q	Ans	Q	Ans	Q	Ans
1	B	31	B	61	B	91	B	121	B
2	C	32	A	62	C	92	B	122	B
3	C	33	C	63	C	93	B	123	B
4	B	34	C	64	B	94	B	124	D
5	B	35	B	65	B	95	A	125	A
6	B	36	C	66	A	96	A	126	B
7	C	37	A	67	A	97	A	127	B
8	C	38	A	68	B	98	B	128	B
9	B	39	C	69	A	99	B	129	B
10	C	40	B	70	B	100	B	130	B
11	B	41	B	71	B	101	A	131	A
12	B	42	A	72	B	102	A	132	C
13	B	43	D	73	C	103	B	133	B
14	B	44	B	74	C	104	A	134	B
15	A	45	B	75	A	105	B	135	B
16	B	46	A	76	A	106	B	136	B
17	C	47	B	77	A	107	A	137	B
18	C	48	C	78	A	108	C	138	C
19	C	49	C	79	B	109	B	139	B
20	C	50	A	80	B	110	C	140	B
21	C	51	C	81	B	111	A	141	A
22	C	52	A	82	A	112	A	142	A
23	C	53	B	83	C	113	B	143	A
24	B	54	A	84	B	114	C	144	A
25	B	55	A	85	B	115	B	145	A
26	A	56	C	86	A	116	C	146	A
27	C	57	B	87	A	117	B	147	A
28	B	58	D	88	C	118	B	148	B
29	C	59	D	89	A	119	B	149	A
30	C	60	A	90	B	120	C	150	A

Selected Solutions

Q1. 40% of number = 96, so number = $96 \times 100 / 40 = 240$.

Q2. Total parts = 12. One part = $144/12 = 12$. Larger number = $7 \times 12 = 84$.

Q3. SP = $750 + 20\% \text{ of } 750 = 750 + 150 = \text{Rs. } 900$.

Q4. SI = 1680. Rate = $SI \times 100 / (P \times T) = 1680 \times 100 / (8000 \times 3) = 7\%$.

Q5. For 8 consecutive even numbers, average is between 4th and 5th terms. Numbers are 24,26,28,30,32,34,36,38.

Q6. Speed = $180/12 = 15 \text{ m/s} = 15 \times 18/5 = 54 \text{ km/h}$.

Q7. Together work per day = $1/18 + 1/27 = 5/54$. Days = $54/5 = 10.8$.

- Q8.** Investment ratio = 12000:18000 = 2:3. B's share = $\frac{3}{5} \times 5000 = \text{Rs. } 3000$.
- Q9.** SP = 85% of 1200 = 1020.
- Q10.** $\frac{3}{5} = \frac{6}{10}$, so $\frac{6}{10} + \frac{7}{10} = \frac{13}{10}$.
- Q11.** $x^2 - 9x + 20 = (x-4)(x-5)$, roots 4 and 5.
- Q12.** Area = $\pi r^2 = \frac{22}{7} \times 49 = 154 \text{ sq cm}$.
- Q13.** $2(l+b)=70$, $l+b=35$, $b=15 \text{ cm}$.
- Q14.** SP = 90% of 600 = 540. CP = $540/1.20 = \text{Rs. } 450$.
- Q15.** Numbers = 3x and 4x. LCM = $12x = 84$, $x=7$. HCF = $x = 7$.
- Q16.** 15% of 360 = 54 and 25% of 200 = 50. Total = 104.
- Q17.** Covered fraction = $\frac{3}{5} + \frac{1}{4} = \frac{17}{20}$. Remaining = $\frac{3}{20} \times 200 = 30$, total = 200 km.
- Q18.** Using 3-4-5 triangle, $\cos \theta = \frac{4}{5}$.
- Q19.** $9^3 = 729$, so side = 9 cm.
- Q20.** Successive +20% and -20% gives net = -4%.
- Q21.** Amount = $10000(1.1)^2 = 12100$. CI = 2100.
- Q22.** Cost per pencil = 8. Cost of 15 = Rs. 120.
- Q23.** 15% of number = 45, number = $45 \times \frac{100}{15} = 300$.
- Q24.** Sorted data: 7,11,13,15,20. Median = 13.
- Q25.** Downstream speed = 8. Still water speed = $8-2=6 \text{ km/h}$.
- Q26.** Make b common: $a:b=8:12$ and $b:c=12:15$, so $a:c=8:15$.
- Q27.** Milk = $\frac{7}{10} \times 50 = 35 \text{ L}$.
- Q28.** Diagonal = $\text{side}\sqrt{2}$. Side = 10 cm.
- Q29.** Earning per worker-day = $12800/(16 \times 8)=100$. For $20 \times 6=120$ worker-days, amount = 12000.
- Q30.** $0.25 \times 0.4 = 0.1$. $0.1 \times 1000 = 100$.
- Q31.** Pattern: x^2+1 , x^2+1 , x^2+1 . $39x^2+1=79$.
- Q32.** Each letter shifts one step forward: MUMBAI \rightarrow NVNCBJ.
- Q33.** Carrot, potato and radish are root vegetables; tomato is not.
- Q34.** Rank from right = $31-12+1=20$.
- Q35.** A is brother of D's father C; hence A is uncle.

Score Calculation Sheet

Item	Your Count	Marks
Correct Answers		
Wrong Answers		
Unattempted		
Final Score		

Use the official marking scheme applicable in the latest notification while calculating final marks. Avoid random guessing because negative marking can reduce your score.

Practice Review Sheet

Section	Attempted	Correct	Wrong	Weak Topics
Mathematical Abilities				
Reasoning				
English				
General Awareness				
Computer Knowledge				

Disclaimer

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