

RRB NTPC CBT-1 Mock Paper 1

CBT-1 Mock Paper 1

Pattern: 100 questions, 90 minutes, 1 mark each, 1/3 negative marking for each wrong answer.

Section distribution: General Awareness 40, Mathematics 30, Reasoning 30.

Instructions: Attempt the paper in exam-like conditions. For mock tests, complete the paper before checking the answer key.

General Awareness

- Where is the headquarters of ISRO located?
(A) Bengaluru (B) Hyderabad (C) Sriharikota (D) New Delhi
- Which is the smallest union territory of India by area?
(A) Puducherry (B) Chandigarh (C) Lakshadweep (D) Delhi
- Who was the first President of India?
(A) Dr. S. Radhakrishnan (B) V. V. Giri (C) Zakir Husain (D) Dr. Rajendra Prasad
- Which is the highest civilian award in India?
(A) Param Vir Chakra (B) Bharat Ratna (C) Padma Vibhushan (D) Padma Bhushan
- The main source of energy for Earth is:
(A) Moon (B) Wind (C) Ocean tides (D) Sun
- Which vitamin is produced in the skin in sunlight?
(A) Vitamin A (B) Vitamin B12 (C) Vitamin D (D) Vitamin K
- The chemical formula of water is:
(A) H₂O (B) O₂ (C) NaCl (D) CO₂
- Which metal is liquid at room temperature?
(A) Aluminium (B) Iron (C) Copper (D) Mercury
- The Quit India Movement was launched in:
(A) 1920 (B) 1942 (C) 1930 (D) 1919
- Which organ purifies blood in the human body?
(A) Liver (B) Lungs (C) Heart (D) Kidney
- Which state has the longest coastline in India?
(A) Gujarat (B) Kerala (C) Tamil Nadu (D) Andhra Pradesh
- The Tropic of Cancer passes through how many Indian states?
(A) 6 (B) 9 (C) 7 (D) 8
- Which is the currency of Japan?
(A) Dollar (B) Won (C) Yen (D) Ruble
- Who discovered the law of gravitation?
(A) Galileo Galilei (B) Isaac Newton (C) Albert Einstein (D) Kepler
- Which day is celebrated as National Science Day in India?
(A) 2 October (B) 28 February (C) 5 September (D) 15 August
- The Planning Commission was replaced by:
(A) NITI Aayog (B) Finance Commission (C) Election Commission (D) GST Council
- The first passenger train in India ran between:
(A) Chennai and Arakkonam (B) Delhi and Agra (C) Kolkata and Howrah (D) Mumbai and Thane
- Which is the longest bone in the human body?
(A) Tibia (B) Femur (C) Radius (D) Humerus
- The pH value of pure water at room temperature is:
(A) 3 (B) 9 (C) 5 (D) 7
- Which Indian state is known as the Spice Garden of India?
(A) Assam (B) Punjab (C) Odisha (D) Kerala
- Which amendment lowered the voting age from 21 to 18?
(A) 44th Amendment (B) 61st Amendment (C) 42nd Amendment (D) 73rd Amendment
- The book Discovery of India was written by:
(A) Mahatma Gandhi (B) R. K. Narayan (C) B. R. Ambedkar (D) Jawaharlal Nehru
- Which is the largest gland in the human body?
(A) Liver (B) Thyroid (C) Pituitary (D) Pancreas
- Which gas is used by plants during photosynthesis?
(A) Nitrogen (B) Carbon dioxide (C) Oxygen (D) Hydrogen

25. Which country hosted the G20 Summit in 2023?
(A) Italy (B) Brazil (C) Japan (D) India
26. Chandrayaan-3 landed near which region of the Moon?
(A) Far side equator (B) Equator (C) South polar region (D) North polar region
27. Which Indian city is associated with the Integral Coach Factory?
(A) Kolkata (B) Varanasi (C) Bhopal (D) Chennai
28. The Election Commission of India is responsible for conducting:
(A) Only school elections (B) Only local body elections (C) Only cooperative elections (D) Parliament and State Assembly elections
29. Which is the largest ocean in the world?
(A) Indian Ocean (B) Arctic Ocean (C) Pacific Ocean (D) Atlantic Ocean
30. The term GDP stands for:
(A) General Domestic Price (B) General Distribution Product (C) Gross Development Plan (D) Gross Domestic Product
31. Which part of the plant conducts photosynthesis mainly?
(A) Leaf (B) Root (C) Flower (D) Stem
32. Which instrument is used to measure atmospheric pressure?
(A) Barometer (B) Hygrometer (C) Ammeter (D) Thermometer
33. Which Mughal emperor built the Red Fort in Delhi?
(A) Aurangzeb (B) Akbar (C) Shah Jahan (D) Babur
34. Which is the constitutional head of a state in India?
(A) Speaker (B) Chief Secretary (C) Chief Minister (D) Governor
35. Which is the national aquatic animal of India?
(A) Blue Whale (B) Olive Ridley Turtle (C) Crocodile (D) Ganges River Dolphin
36. Which blood group is commonly called universal donor?
(A) O negative (B) AB positive (C) B negative (D) A positive
37. Who is known as the Father of the Indian Constitution?
(A) Mahatma Gandhi (B) B. R. Ambedkar (C) Sardar Patel (D) Jawaharlal Nehru
38. Which article of the Indian Constitution deals with equality before law?
(A) Article 32 (B) Article 14 (C) Article 21 (D) Article 19
39. The headquarters of the United Nations is located in:
(A) New York (B) Geneva (C) Paris (D) Rome
40. The first Indian satellite launched in 1975 was:
(A) INSAT-1A (B) Aryabhata (C) Rohini (D) Bhaskara

Mathematics

41. Find the LCM of 12 and 19.
(A) 1 (B) 240 (C) 228 (D) 209
42. A shopkeeper buys an article for Rs. 132 and gains 15%. Find the selling price.
(A) 117 (B) 151 (C) 161 (D) 141
43. A train covers 140 km at 57 km/h. Approximate time taken is:
(A) 2 hours (B) 3 hours (C) 4 hours (D) 1 hours
44. If $x = 15$, find $5x + 3$.
(A) 80 (B) 78 (C) 72 (D) 75
45. Find the area of a rectangle with length 14 cm and breadth 11 cm.
(A) 143 sq cm (B) 168 sq cm (C) 50 sq cm (D) 154 sq cm
46. Divide Rs. 90 in the ratio 2:4. What is the first share?
(A) 60 (B) 30 (C) 26 (D) 32
47. Simplify: $43 + 41$.
(A) 1763 (B) 124 (C) 2 (D) 84
48. What is 15% of 32?
(A) 6 (B) 9 (C) 3 (D) 5
49. Find the LCM of 20 and 27.
(A) 513 (B) 540 (C) 560 (D) 1
50. A shopkeeper buys an article for Rs. 188 and gains 25%. Find the selling price.
(A) 225 (B) 235 (C) 163 (D) 245
51. A train covers 220 km at 35 km/h. Approximate time taken is:

- (A) 5 hours (B) 7 hours (C) 6 hours (D) 8 hours
52. If $x = 22$, find $7x + 3$.
(A) 161 (B) 157 (C) 154 (D) 151
53. Find the area of a rectangle with length 22 cm and breadth 7 cm.
(A) 58 sq cm (B) 147 sq cm (C) 176 sq cm (D) 154 sq cm
54. Divide Rs. 126 in the ratio 5:4. What is the first share?
(A) 75 (B) 70 (C) 56 (D) 66
55. Simplify: $67 + 49$.
(A) 116 (B) 3283 (C) 164 (D) 18
56. What is 5% of 40?
(A) 4 (B) 2 (C) 7 (D) 1
57. Find the LCM of 28 and 35.
(A) 168 (B) 140 (C) 7 (D) 105
58. A shopkeeper buys an article for Rs. 244 and gains 35%. Find the selling price.
(A) 339 (B) 319 (C) 209 (D) 329
59. A train covers 120 km at 43 km/h. Approximate time taken is:
(A) 5 hours (B) 2 hours (C) 4 hours (D) 3 hours
60. If $x = 11$, find $3x + 3$.
(A) 36 (B) 33 (C) 30 (D) 86
61. Find the area of a rectangle with length 15 cm and breadth 15 cm.
(A) 225 sq cm (B) 210 sq cm (C) 60 sq cm (D) 240 sq cm
62. Divide Rs. 91 in the ratio 3:4. What is the first share?
(A) 42 (B) 35 (C) 52 (D) 39
63. Simplify: $41 + 17$.
(A) 114 (B) 24 (C) 58 (D) 697
64. What is 20% of 48?
(A) 8 (B) 11 (C) 10 (D) 14
65. Find the LCM of 18 and 19.
(A) 323 (B) 360 (C) 1 (D) 342
66. A shopkeeper buys an article for Rs. 300 and gains 15%. Find the selling price.
(A) 345 (B) 355 (C) 335 (D) 285
67. A train covers 200 km at 51 km/h. Approximate time taken is:
(A) 3 hours (B) 4 hours (C) 6 hours (D) 5 hours
68. If $x = 18$, find $5x + 3$.
(A) 93 (B) 95 (C) 90 (D) 87
69. Find the area of a rectangle with length 23 cm and breadth 11 cm.
(A) 253 sq cm (B) 276 sq cm (C) 242 sq cm (D) 68 sq cm
70. Divide Rs. 120 in the ratio 6:4. What is the first share?
(A) 72 (B) 78 (C) 68 (D) 48

General Intelligence and Reasoning

71. If CLOCK is written in reverse order, what will it be?
(A) LOCKC (B) CCKLO (C) KCLOC (D) KCOLC
72. Find the odd one out.
(A) Potato (B) Apple (C) Mango (D) Banana
73. If square means multiplying a number by itself, what is the square of 6?
(A) 36 (B) 42 (C) 30 (D) 12
74. A person faces North, turns right, then again turns right, then turns left. Which direction is the person facing?
(A) West (B) East (C) North (D) South
75. Pointing to a woman, Ravi says, 'She is the sister of my father.' How is the woman related to Ravi?
(A) Sister (B) Aunt (C) Mother (D) Daughter
76. Find the next number: 2, 6, 10, 14, ?
(A) 14 (B) 22 (C) 20 (D) 18
77. HI : JK :: LM : ?
(A) OP (B) KL (C) MN (D) NO
78. If PLANT is written in reverse order, what will it be?

- (A) LANTP (B) TNALP (C) TPLAN (D) ALNPT
79. Find the odd one out.
(A) Apple (B) Banana (C) Mango (D) Potato
80. If square means multiplying a number by itself, what is the square of 7?
(A) 56 (B) 42 (C) 14 (D) 49
81. A person faces North, turns right, then again turns right, then turns left. Which direction is the person facing?
(A) South (B) West (C) East (D) North
82. Pointing to a woman, Ravi says, 'She is the sister of my father.' How is the woman related to Ravi?
(A) Daughter (B) Mother (C) Aunt (D) Sister
83. Find the next number: 4, 8, 12, 16, ?
(A) 22 (B) 16 (C) 24 (D) 20
84. OP : QR :: ST : ?
(A) UV (B) VW (C) TU (D) RS
85. If POINT is written in reverse order, what will it be?
(A) INOPT (B) TNIOP (C) TPOIN (D) OINTP
86. Find the odd one out.
(A) Banana (B) Mango (C) Apple (D) Potato
87. If square means multiplying a number by itself, what is the square of 8?
(A) 64 (B) 72 (C) 56 (D) 16
88. A person faces North, turns right, then again turns right, then turns left. Which direction is the person facing?
(A) East (B) North (C) South (D) West
89. Pointing to a woman, Ravi says, 'She is the sister of my father.' How is the woman related to Ravi?
(A) Mother (B) Sister (C) Daughter (D) Aunt
90. Find the next number: 6, 10, 14, 18, ?
(A) 24 (B) 18 (C) 26 (D) 22
91. DE : FG :: HI : ?
(A) KL (B) GH (C) IJ (D) JK
92. If BRAVE is written in reverse order, what will it be?
(A) ABERV (B) EBRAV (C) EVARB (D) RAVEB
93. Find the odd one out.
(A) Potato (B) Banana (C) Apple (D) Mango
94. If square means multiplying a number by itself, what is the square of 9?
(A) 72 (B) 81 (C) 18 (D) 90
95. A person faces North, turns right, then again turns right, then turns left. Which direction is the person facing?
(A) West (B) North (C) East (D) South
96. Pointing to a woman, Ravi says, 'She is the sister of my father.' How is the woman related to Ravi?
(A) Daughter (B) Sister (C) Aunt (D) Mother
97. Find the next number: 3, 7, 11, 15, ?
(A) 19 (B) 15 (C) 23 (D) 21
98. KL : MN :: OP : ?
(A) RS (B) PQ (C) QR (D) NO
99. If TRAIN is written in reverse order, what will it be?
(A) NIART (B) NTRAI (C) RAIN T (D) AINRT
100. Find the odd one out.
(A) Banana (B) Potato (C) Mango (D) Apple

Answer Key

| Q | Ans | Q | Ans | Q | Ans | Q | Ans |
|----|-----|----|-----|----|-----|-----|-----|
| 1 | A | 2 | C | 3 | D | 4 | B |
| 5 | D | 6 | C | 7 | A | 8 | D |
| 9 | B | 10 | D | 11 | A | 12 | D |
| 13 | C | 14 | B | 15 | B | 16 | A |
| 17 | D | 18 | B | 19 | D | 20 | D |
| 21 | B | 22 | D | 23 | A | 24 | B |
| 25 | D | 26 | C | 27 | D | 28 | D |
| 29 | C | 30 | D | 31 | A | 32 | A |
| 33 | C | 34 | D | 35 | D | 36 | A |
| 37 | B | 38 | B | 39 | A | 40 | B |
| 41 | C | 42 | B | 43 | A | 44 | D |
| 45 | D | 46 | B | 47 | D | 48 | D |
| 49 | B | 50 | B | 51 | C | 52 | C |
| 53 | D | 54 | B | 55 | A | 56 | B |
| 57 | B | 58 | D | 59 | D | 60 | B |
| 61 | A | 62 | D | 63 | C | 64 | C |
| 65 | D | 66 | A | 67 | B | 68 | C |
| 69 | A | 70 | A | 71 | D | 72 | A |
| 73 | A | 74 | B | 75 | B | 76 | D |
| 77 | D | 78 | B | 79 | D | 80 | D |
| 81 | C | 82 | C | 83 | D | 84 | A |
| 85 | B | 86 | D | 87 | A | 88 | A |
| 89 | D | 90 | D | 91 | D | 92 | C |
| 93 | A | 94 | B | 95 | C | 96 | C |
| 97 | A | 98 | C | 99 | A | 100 | B |