

# RRB NTPC CBT-1 Mock Paper 3

## CBT-1 Mock Paper 3

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

1. Which Indian city is associated with the Integral Coach Factory?  
(A) Chennai (B) Bhopal (C) Kolkata (D) Varanasi
2. The Election Commission of India is responsible for conducting:  
(A) Only local body elections (B) Parliament and State Assembly elections (C) Only school elections (D) Only cooperative elections
3. Which is the largest ocean in the world?  
(A) Indian Ocean (B) Pacific Ocean (C) Atlantic Ocean (D) Arctic Ocean
4. The term GDP stands for:  
(A) General Distribution Product (B) Gross Development Plan (C) Gross Domestic Product (D) General Domestic Price
5. Which part of the plant conducts photosynthesis mainly?  
(A) Leaf (B) Root (C) Stem (D) Flower
6. Which instrument is used to measure atmospheric pressure?  
(A) Ammeter (B) Barometer (C) Hygrometer (D) Thermometer
7. Which Mughal emperor built the Red Fort in Delhi?  
(A) Shah Jahan (B) Babur (C) Aurangzeb (D) Akbar
8. Which is the constitutional head of a state in India?  
(A) Speaker (B) Governor (C) Chief Secretary (D) Chief Minister
9. Which is the national aquatic animal of India?  
(A) Olive Ridley Turtle (B) Crocodile (C) Blue Whale (D) Ganges River Dolphin
10. Which blood group is commonly called universal donor?  
(A) AB positive (B) A positive (C) O negative (D) B negative
11. Who is known as the Father of the Indian Constitution?  
(A) B. R. Ambedkar (B) Jawaharlal Nehru (C) Sardar Patel (D) Mahatma Gandhi
12. Which article of the Indian Constitution deals with equality before law?  
(A) Article 21 (B) Article 32 (C) Article 19 (D) Article 14
13. The headquarters of the United Nations is located in:  
(A) New York (B) Rome (C) Paris (D) Geneva
14. The first Indian satellite launched in 1975 was:  
(A) INSAT-1A (B) Rohini (C) Bhaskara (D) Aryabhata
15. Which planet is known as the Red Planet?  
(A) Venus (B) Mars (C) Jupiter (D) Mercury
16. The largest state of India by area is:  
(A) Maharashtra (B) Rajasthan (C) Madhya Pradesh (D) Uttar Pradesh
17. The river Ganga originates from:  
(A) Siachen Glacier (B) Gangotri Glacier (C) Zemu Glacier (D) Yamunotri Glacier
18. The Battle of Plassey was fought in:  
(A) 1757 (B) 1526 (C) 1764 (D) 1857
19. Who wrote the national song Vande Mataram?  
(A) Sarojini Naidu (B) Rabindranath Tagore (C) Bankim Chandra Chatterjee (D) Subhas Chandra Bose
20. Which gas is most abundant in Earth's atmosphere?  
(A) Nitrogen (B) Oxygen (C) Hydrogen (D) Carbon dioxide
21. The Indian Railways was nationalised in:  
(A) 1961 (B) 1951 (C) 1956 (D) 1947
22. Which city is known as the Silicon Valley of India?  
(A) Chennai (B) Hyderabad (C) Pune (D) Bengaluru
23. The Finance Commission is constituted under which article?  
(A) Article 368 (B) Article 324 (C) Article 280 (D) Article 356

24. Which schedule of the Constitution contains languages?  
(A) Tenth Schedule (B) Eighth Schedule (C) Seventh Schedule (D) Fifth Schedule
25. Where is the headquarters of ISRO located?  
(A) New Delhi (B) Bengaluru (C) Hyderabad (D) Sriharikota
26. Which is the smallest union territory of India by area?  
(A) Lakshadweep (B) Chandigarh (C) Delhi (D) Puducherry
27. Who was the first President of India?  
(A) V. V. Giri (B) Dr. S. Radhakrishnan (C) Zakir Husain (D) Dr. Rajendra Prasad
28. Which is the highest civilian award in India?  
(A) Padma Vibhushan (B) Param Vir Chakra (C) Padma Bhushan (D) Bharat Ratna
29. The main source of energy for Earth is:  
(A) Sun (B) Ocean tides (C) Moon (D) Wind
30. Which vitamin is produced in the skin in sunlight?  
(A) Vitamin D (B) Vitamin A (C) Vitamin B12 (D) Vitamin K
31. The chemical formula of water is:  
(A) CO<sub>2</sub> (B) H<sub>2</sub>O (C) NaCl (D) O<sub>2</sub>
32. Which metal is liquid at room temperature?  
(A) Iron (B) Mercury (C) Copper (D) Aluminium
33. The Quit India Movement was launched in:  
(A) 1920 (B) 1942 (C) 1919 (D) 1930
34. Which organ purifies blood in the human body?  
(A) Liver (B) Kidney (C) Lungs (D) Heart
35. Which state has the longest coastline in India?  
(A) Tamil Nadu (B) Kerala (C) Gujarat (D) Andhra Pradesh
36. The Tropic of Cancer passes through how many Indian states?  
(A) 6 (B) 9 (C) 8 (D) 7
37. Which is the currency of Japan?  
(A) Won (B) Ruble (C) Dollar (D) Yen
38. Who discovered the law of gravitation?  
(A) Galileo Galilei (B) Isaac Newton (C) Albert Einstein (D) Kepler
39. Which day is celebrated as National Science Day in India?  
(A) 2 October (B) 28 February (C) 15 August (D) 5 September
40. The Planning Commission was replaced by:  
(A) NITI Aayog (B) Election Commission (C) GST Council (D) Finance Commission

## Mathematics

41. A train covers 120 km at 51 km/h. Approximate time taken is:  
(A) 1 hours (B) 2 hours (C) 4 hours (D) 3 hours
42. If  $x = 9$ , find  $3x + 4$ .  
(A) 31 (B) 30 (C) 27 (D) 23
43. Find the area of a rectangle with length 12 cm and breadth 11 cm.  
(A) 132 sq cm (B) 144 sq cm (C) 121 sq cm (D) 46 sq cm
44. Divide Rs. 143 in the ratio 5:6. What is the first share?  
(A) 65 (B) 70 (C) 59 (D) 78
45. Simplify:  $37 + 25$ .  
(A) 12 (B) 925 (C) 126 (D) 62
46. What is 5% of 38?  
(A) 0 (B) 6 (C) 3 (D) 2
47. Find the LCM of 18 and 27.  
(A) 72 (B) 27 (C) 9 (D) 54
48. A shopkeeper buys an article for Rs. 200 and gains 15%. Find the selling price.  
(A) 185 (B) 240 (C) 230 (D) 220
49. A train covers 200 km at 59 km/h. Approximate time taken is:  
(A) 5 hours (B) 2 hours (C) 3 hours (D) 4 hours
50. If  $x = 18$ , find  $5x + 4$ .  
(A) 94 (B) 90 (C) 95 (D) 86
51. Find the area of a rectangle with length 20 cm and breadth 7 cm.

- (A) 54 sq cm (B) 160 sq cm (C) 140 sq cm (D) 133 sq cm
52. Divide Rs. 108 in the ratio 3:6. What is the first share?  
(A) 30 (B) 39 (C) 36 (D) 72
53. Simplify:  $61 + 33$ .  
(A) 94 (B) 2013 (C) 28 (D) 166
54. What is 20% of 46?  
(A) 14 (B) 11 (C) 9 (D) 8
55. Find the LCM of 26 and 35.  
(A) 910 (B) 936 (C) 1 (D) 875
56. A shopkeeper buys an article for Rs. 256 and gains 25%. Find the selling price.  
(A) 231 (B) 330 (C) 310 (D) 320
57. A train covers 280 km at 37 km/h. Approximate time taken is:  
(A) 10 hours (B) 9 hours (C) 7 hours (D) 8 hours
58. If  $x = 27$ , find  $7x + 4$ .  
(A) 196 (B) 189 (C) 185 (D) 193
59. Find the area of a rectangle with length 13 cm and breadth 15 cm.  
(A) 56 sq cm (B) 208 sq cm (C) 180 sq cm (D) 195 sq cm
60. Divide Rs. 132 in the ratio 6:6. What is the first share?  
(A) 145 (B) 60 (C) 72 (D) 66
61. Simplify:  $35 + 41$ .  
(A) -6 (B) 76 (C) 6 (D) 1435
62. What is 10% of 54?  
(A) 7 (B) 4 (C) 10 (D) 5
63. Find the LCM of 16 and 19.  
(A) 285 (B) 1 (C) 304 (D) 320
64. A shopkeeper buys an article for Rs. 312 and gains 35%. Find the selling price.  
(A) 431 (B) 277 (C) 411 (D) 421
65. A train covers 180 km at 45 km/h. Approximate time taken is:  
(A) 4 hours (B) 5 hours (C) 6 hours (D) 3 hours
66. If  $x = 12$ , find  $3x + 4$ .  
(A) 36 (B) 40 (C) 39 (D) 32
67. Find the area of a rectangle with length 21 cm and breadth 11 cm.  
(A) 220 sq cm (B) 231 sq cm (C) 64 sq cm (D) 252 sq cm
68. Divide Rs. 100 in the ratio 4:6. What is the first share?  
(A) 44 (B) 34 (C) 40 (D) 60
69. Simplify:  $59 + 49$ .  
(A) 108 (B) 2891 (C) 196 (D) 10
70. What is 25% of 62?  
(A) 16 (B) 14 (C) 17 (D) 20

## General Intelligence and Reasoning

71. Find the next number: 2, 8, 14, 20, ?  
(A) 26 (B) 20 (C) 32 (D) 28
72. KL : MN :: OP : ?  
(A) RS (B) PQ (C) QR (D) NO
73. If TRAIN is written in reverse order, what will it be?  
(A) NIART (B) NTRAI (C) RAIN T (D) AINRT
74. Find the odd one out.  
(A) Banana (B) Potato (C) Mango (D) Apple
75. If square means multiplying a number by itself, what is the square of 8?  
(A) 72 (B) 16 (C) 56 (D) 64
76. 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
77. 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
78. Find the next number: 4, 10, 16, 22, ?

- (A) 30 (B) 22 (C) 34 (D) 28
79. RS : TU :: VW : ?  
(A) WX (B) XY (C) UV (D) YZ
80. If CLOCK is written in reverse order, what will it be?  
(A) LOCKC (B) CCKLO (C) KCLOC (D) KCOLC
81. Find the odd one out.  
(A) Banana (B) Mango (C) Apple (D) Potato
82. If square means multiplying a number by itself, what is the square of 9?  
(A) 90 (B) 72 (C) 18 (D) 81
83. A person faces North, turns right, then again turns right, then turns left. Which direction is the person facing?  
(A) East (B) West (C) North (D) South
84. Pointing to a woman, Ravi says, 'She is the sister of my father.' How is the woman related to Ravi?  
(A) Aunt (B) Daughter (C) Mother (D) Sister
85. Find the next number: 6, 12, 18, 24, ?  
(A) 32 (B) 30 (C) 36 (D) 24
86. GH : IJ :: KL : ?  
(A) NO (B) JK (C) MN (D) LM
87. If PLANT is written in reverse order, what will it be?  
(A) TNALP (B) TPLAN (C) ALNPT (D) LANTP
88. Find the odd one out.  
(A) Apple (B) Banana (C) Mango (D) Potato
89. If square means multiplying a number by itself, what is the square of 4?  
(A) 16 (B) 20 (C) 8 (D) 12
90. 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
91. 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
92. Find the next number: 3, 9, 15, 21, ?  
(A) 29 (B) 33 (C) 27 (D) 21
93. NO : PQ :: RS : ?  
(A) QR (B) TU (C) UV (D) ST
94. If POINT is written in reverse order, what will it be?  
(A) INOPT (B) OINTP (C) TPOIN (D) TNIOP
95. Find the odd one out.  
(A) Banana (B) Apple (C) Potato (D) Mango
96. If square means multiplying a number by itself, what is the square of 5?  
(A) 30 (B) 10 (C) 25 (D) 20
97. A person faces North, turns right, then again turns right, then turns left. Which direction is the person facing?  
(A) South (B) West (C) North (D) East
98. Pointing to a woman, Ravi says, 'She is the sister of my father.' How is the woman related to Ravi?  
(A) Daughter (B) Aunt (C) Sister (D) Mother
99. Find the next number: 5, 11, 17, 23, ?  
(A) 35 (B) 31 (C) 23 (D) 29
100. CD : EF :: GH : ?  
(A) IJ (B) HI (C) JK (D) FG

# Answer Key

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