

# RRB NTPC CBT-1 Mock Paper 5

## CBT-1 Mock Paper 5

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

- Who was the first President of India?  
(A) Dr. Rajendra Prasad (B) Dr. S. Radhakrishnan (C) Zakir Husain (D) V. V. Giri
- 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) Sun (B) Moon (C) Wind (D) Ocean tides
- Which vitamin is produced in the skin in sunlight?  
(A) Vitamin K (B) Vitamin B12 (C) Vitamin A (D) Vitamin D
- The chemical formula of water is:  
(A) NaCl (B) H<sub>2</sub>O (C) CO<sub>2</sub> (D) O<sub>2</sub>
- Which metal is liquid at room temperature?  
(A) Iron (B) Aluminium (C) Copper (D) Mercury
- The Quit India Movement was launched in:  
(A) 1930 (B) 1920 (C) 1942 (D) 1919
- Which organ purifies blood in the human body?  
(A) Heart (B) Lungs (C) Kidney (D) Liver
- Which state has the longest coastline in India?  
(A) Gujarat (B) Kerala (C) Andhra Pradesh (D) Tamil Nadu
- The Tropic of Cancer passes through how many Indian states?  
(A) 9 (B) 7 (C) 6 (D) 8
- Which is the currency of Japan?  
(A) Won (B) Ruble (C) Yen (D) Dollar
- Who discovered the law of gravitation?  
(A) Albert Einstein (B) Kepler (C) Galileo Galilei (D) Isaac Newton
- Which day is celebrated as National Science Day in India?  
(A) 5 September (B) 15 August (C) 2 October (D) 28 February
- The Planning Commission was replaced by:  
(A) Election Commission (B) GST Council (C) NITI Aayog (D) Finance Commission
- The first passenger train in India ran between:  
(A) Mumbai and Thane (B) Delhi and Agra (C) Kolkata and Howrah (D) Chennai and Arakkonam
- Which is the longest bone in the human body?  
(A) Femur (B) Tibia (C) Radius (D) Humerus
- The pH value of pure water at room temperature is:  
(A) 9 (B) 5 (C) 7 (D) 3
- Which Indian state is known as the Spice Garden of India?  
(A) Kerala (B) Punjab (C) Assam (D) Odisha
- Which amendment lowered the voting age from 21 to 18?  
(A) 61st Amendment (B) 44th Amendment (C) 42nd Amendment (D) 73rd Amendment
- The book Discovery of India was written by:  
(A) Mahatma Gandhi (B) Jawaharlal Nehru (C) R. K. Narayan (D) B. R. Ambedkar
- Which is the largest gland in the human body?  
(A) Pituitary (B) Thyroid (C) Pancreas (D) Liver
- Which gas is used by plants during photosynthesis?  
(A) Hydrogen (B) Carbon dioxide (C) Nitrogen (D) Oxygen
- Which country hosted the G20 Summit in 2023?  
(A) India (B) Italy (C) Brazil (D) Japan
- Chandrayaan-3 landed near which region of the Moon?  
(A) Far side equator (B) North polar region (C) South polar region (D) Equator

25. Which Indian city is associated with the Integral Coach Factory?  
(A) Varanasi (B) Kolkata (C) Chennai (D) Bhopal
26. 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
27. Which is the largest ocean in the world?  
(A) Atlantic Ocean (B) Arctic Ocean (C) Indian Ocean (D) Pacific Ocean
28. The term GDP stands for:  
(A) Gross Domestic Product (B) Gross Development Plan (C) General Distribution Product (D) General Domestic Price
29. Which part of the plant conducts photosynthesis mainly?  
(A) Root (B) Leaf (C) Stem (D) Flower
30. Which instrument is used to measure atmospheric pressure?  
(A) Hygrometer (B) Ammeter (C) Thermometer (D) Barometer
31. Which Mughal emperor built the Red Fort in Delhi?  
(A) Shah Jahan (B) Akbar (C) Aurangzeb (D) Babur
32. Which is the constitutional head of a state in India?  
(A) Chief Secretary (B) Governor (C) Speaker (D) Chief Minister
33. Which is the national aquatic animal of India?  
(A) Olive Ridley Turtle (B) Blue Whale (C) Ganges River Dolphin (D) Crocodile
34. Which blood group is commonly called universal donor?  
(A) O negative (B) A positive (C) B negative (D) AB positive
35. Who is known as the Father of the Indian Constitution?  
(A) Sardar Patel (B) B. R. Ambedkar (C) Mahatma Gandhi (D) Jawaharlal Nehru
36. Which article of the Indian Constitution deals with equality before law?  
(A) Article 14 (B) Article 32 (C) Article 21 (D) Article 19
37. The headquarters of the United Nations is located in:  
(A) Geneva (B) New York (C) Paris (D) Rome
38. The first Indian satellite launched in 1975 was:  
(A) Bhaskara (B) INSAT-1A (C) Rohini (D) Aryabhata
39. Which planet is known as the Red Planet?  
(A) Mercury (B) Mars (C) Venus (D) Jupiter
40. The largest state of India by area is:  
(A) Maharashtra (B) Uttar Pradesh (C) Madhya Pradesh (D) Rajasthan

## Mathematics

41. Find the area of a rectangle with length 10 cm and breadth 11 cm.  
(A) 99 sq cm (B) 110 sq cm (C) 42 sq cm (D) 120 sq cm
42. Divide Rs. 121 in the ratio 3:8. What is the first share?  
(A) 36 (B) 25 (C) 33 (D) 88
43. Simplify:  $31 + 49$ .  
(A) 80 (B) 1519 (C) 18 (D) -18
44. What is 20% of 44?  
(A) 9 (B) 7 (C) 10 (D) 13
45. Find the LCM of 16 and 27.  
(A) 432 (B) 448 (C) 1 (D) 405
46. A shopkeeper buys an article for Rs. 212 and gains 35%. Find the selling price.  
(A) 286 (B) 296 (C) 177 (D) 276
47. A train covers 180 km at 53 km/h. Approximate time taken is:  
(A) 5 hours (B) 3 hours (C) 4 hours (D) 2 hours
48. If  $x = 10$ , find  $3x + 5$ .  
(A) 35 (B) 33 (C) 30 (D) 25
49. Find the area of a rectangle with length 18 cm and breadth 7 cm.  
(A) 119 sq cm (B) 126 sq cm (C) 144 sq cm (D) 50 sq cm
50. Divide Rs. 140 in the ratio 6:8. What is the first share?  
(A) 52 (B) 80 (C) 66 (D) 60
51. Simplify:  $55 + 17$ .

- (A) 168 (B) 72 (C) 935 (D) 38
52. What is 10% of 52?  
(A) 10 (B) 7 (C) 5 (D) 4
53. Find the LCM of 24 and 35.  
(A) 805 (B) 1 (C) 864 (D) 840
54. A shopkeeper buys an article for Rs. 268 and gains 15%. Find the selling price.  
(A) 253 (B) 308 (C) 318 (D) 298
55. A train covers 260 km at 31 km/h. Approximate time taken is:  
(A) 9 hours (B) 7 hours (C) 10 hours (D) 8 hours
56. If  $x = 21$ , find  $5x + 5$ .  
(A) 105 (B) 110 (C) 100 (D) 206
57. Find the area of a rectangle with length 11 cm and breadth 15 cm.  
(A) 165 sq cm (B) 52 sq cm (C) 176 sq cm (D) 150 sq cm
58. Divide Rs. 216 in the ratio 4:8. What is the first share?  
(A) 76 (B) 64 (C) 72 (D) 144
59. Simplify:  $29 + 25$ .  
(A) 725 (B) 54 (C) 158 (D) 4
60. What is 25% of 60?  
(A) 15 (B) 14 (C) 17 (D) 20
61. Find the LCM of 14 and 19.  
(A) 266 (B) 280 (C) 247 (D) 1
62. A shopkeeper buys an article for Rs. 324 and gains 25%. Find the selling price.  
(A) 395 (B) 405 (C) 299 (D) 415
63. A train covers 160 km at 39 km/h. Approximate time taken is:  
(A) 6 hours (B) 4 hours (C) 5 hours (D) 3 hours
64. If  $x = 32$ , find  $7x + 5$ .  
(A) 224 (B) 219 (C) 229 (D) 231
65. Find the area of a rectangle with length 19 cm and breadth 11 cm.  
(A) 209 sq cm (B) 198 sq cm (C) 228 sq cm (D) 60 sq cm
66. Divide Rs. 170 in the ratio 2:8. What is the first share?  
(A) 34 (B) 26 (C) 36 (D) 136
67. Simplify:  $53 + 33$ .  
(A) 20 (B) 86 (C) 1749 (D) 198
68. What is 15% of 68?  
(A) 12 (B) 15 (C) 9 (D) 10
69. Find the LCM of 22 and 27.  
(A) 1 (B) 594 (C) 567 (D) 616
70. A shopkeeper buys an article for Rs. 380 and gains 35%. Find the selling price.  
(A) 523 (B) 503 (C) 513 (D) 345

## General Intelligence and Reasoning

71. 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
72. 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
73. Find the next number: 4, 8, 12, 16, ?  
(A) 24 (B) 22 (C) 16 (D) 20
74.  $CD : EF :: GH : ?$   
(A) IJ (B) HI (C) JK (D) FG
75. If BRAVE is written in reverse order, what will it be?  
(A) EVARB (B) RAVEB (C) EBRAV (D) ABERV
76. Find the odd one out.  
(A) Potato (B) Banana (C) Apple (D) Mango
77. If square means multiplying a number by itself, what is the square of 4?  
(A) 20 (B) 16 (C) 12 (D) 8
78. A person faces North, turns right, then again turns right, then turns left. Which direction is the

- person facing?  
 (A) East (B) South (C) West (D) North
79. Pointing to a woman, Ravi says, 'She is the sister of my father.' How is the woman related to Ravi?  
 (A) Aunt (B) Sister (C) Daughter (D) Mother
80. Find the next number: 6, 10, 14, 18, ?  
 (A) 26 (B) 22 (C) 24 (D) 18
81. JK : LM :: NO : ?  
 (A) QR (B) PQ (C) OP (D) MN
82. If TRAIN is written in reverse order, what will it be?  
 (A) NIART (B) NTRAI (C) AINRT (D) RAINT
83. Find the odd one out.  
 (A) Apple (B) Banana (C) Potato (D) Mango
84. If square means multiplying a number by itself, what is the square of 5?  
 (A) 25 (B) 20 (C) 30 (D) 10
85. 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
86. 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
87. Find the next number: 3, 7, 11, 15, ?  
 (A) 23 (B) 19 (C) 21 (D) 15
88. QR : ST :: UV : ?  
 (A) XY (B) VW (C) WX (D) TU
89. If CLOCK is written in reverse order, what will it be?  
 (A) KCOLC (B) CCKLO (C) KCLOC (D) LOCKC
90. Find the odd one out.  
 (A) Banana (B) Apple (C) Potato (D) Mango
91. If square means multiplying a number by itself, what is the square of 6?  
 (A) 30 (B) 12 (C) 36 (D) 42
92. 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
93. Pointing to a woman, Ravi says, 'She is the sister of my father.' How is the woman related to Ravi?  
 (A) Aunt (B) Sister (C) Daughter (D) Mother
94. Find the next number: 5, 9, 13, 17, ?  
 (A) 21 (B) 25 (C) 17 (D) 23
95. FG : HI :: JK : ?  
 (A) IJ (B) KL (C) MN (D) LM
96. If PLANT is written in reverse order, what will it be?  
 (A) ALNPT (B) TNALP (C) TPLAN (D) LANTP
97. Find the odd one out.  
 (A) Mango (B) Banana (C) Apple (D) Potato
98. If square means multiplying a number by itself, what is the square of 7?  
 (A) 14 (B) 42 (C) 49 (D) 56
99. A person faces North, turns right, then again turns right, then turns left. Which direction is the person facing?  
 (A) South (B) North (C) East (D) West
100. 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) Daughter (D) Mother

# Answer Key

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