

# RRB NTPC CBT-2 Practice Paper 10

## CBT-2 Practice Paper 10

Pattern: 120 questions, 90 minutes, 1 mark each, 1/3 negative marking for each wrong answer.

Section distribution: General Awareness 50, Mathematics 35, Reasoning 35.

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

### General Awareness

1. Which organ purifies blood in the human body?  
(A) Kidney (B) Heart (C) Lungs (D) Liver
2. Which state has the longest coastline in India?  
(A) Tamil Nadu (B) Gujarat (C) Kerala (D) Andhra Pradesh
3. The Tropic of Cancer passes through how many Indian states?  
(A) 7 (B) 6 (C) 9 (D) 8
4. Which is the currency of Japan?  
(A) Ruble (B) Yen (C) Won (D) Dollar
5. Who discovered the law of gravitation?  
(A) Albert Einstein (B) Isaac Newton (C) Kepler (D) Galileo Galilei
6. Which day is celebrated as National Science Day in India?  
(A) 15 August (B) 2 October (C) 5 September (D) 28 February
7. The Planning Commission was replaced by:  
(A) GST Council (B) Election Commission (C) Finance Commission (D) NITI Aayog
8. The first passenger train in India ran between:  
(A) Delhi and Agra (B) Chennai and Arakkonam (C) Kolkata and Howrah (D) Mumbai and Thane
9. Which is the longest bone in the human body?  
(A) Radius (B) Humerus (C) Femur (D) Tibia
10. The pH value of pure water at room temperature is:  
(A) 5 (B) 9 (C) 7 (D) 3
11. Which Indian state is known as the Spice Garden of India?  
(A) Punjab (B) Odisha (C) Kerala (D) Assam
12. Which amendment lowered the voting age from 21 to 18?  
(A) 73rd Amendment (B) 61st Amendment (C) 44th Amendment (D) 42nd Amendment
13. The book Discovery of India was written by:  
(A) Mahatma Gandhi (B) B. R. Ambedkar (C) R. K. Narayan (D) Jawaharlal Nehru
14. Which is the largest gland in the human body?  
(A) Pancreas (B) Thyroid (C) Pituitary (D) Liver
15. Which gas is used by plants during photosynthesis?  
(A) Oxygen (B) Nitrogen (C) Hydrogen (D) Carbon dioxide
16. Which country hosted the G20 Summit in 2023?  
(A) Brazil (B) Japan (C) Italy (D) India
17. Chandrayaan-3 landed near which region of the Moon?  
(A) Far side equator (B) South polar region (C) Equator (D) North polar region
18. Which Indian city is associated with the Integral Coach Factory?  
(A) Kolkata (B) Varanasi (C) Bhopal (D) Chennai
19. The Election Commission of India is responsible for conducting:  
(A) Parliament and State Assembly elections (B) Only local body elections (C) Only cooperative elections (D) Only school elections
20. Which is the largest ocean in the world?  
(A) Atlantic Ocean (B) Arctic Ocean (C) Pacific Ocean (D) Indian Ocean
21. The term GDP stands for:  
(A) General Domestic Price (B) General Distribution Product (C) Gross Development Plan (D) Gross Domestic Product
22. Which part of the plant conducts photosynthesis mainly?  
(A) Leaf (B) Stem (C) Root (D) Flower
23. Which instrument is used to measure atmospheric pressure?  
(A) Thermometer (B) Barometer (C) Hygrometer (D) Ammeter

24. Which Mughal emperor built the Red Fort in Delhi?  
(A) Shah Jahan (B) Aurangzeb (C) Babur (D) Akbar
25. Which is the constitutional head of a state in India?  
(A) Chief Secretary (B) Speaker (C) Chief Minister (D) Governor
26. Which is the national aquatic animal of India?  
(A) Olive Ridley Turtle (B) Ganges River Dolphin (C) Crocodile (D) Blue Whale
27. Which blood group is commonly called universal donor?  
(A) A positive (B) O negative (C) AB positive (D) B negative
28. Who is known as the Father of the Indian Constitution?  
(A) Sardar Patel (B) Mahatma Gandhi (C) Jawaharlal Nehru (D) B. R. Ambedkar
29. Which article of the Indian Constitution deals with equality before law?  
(A) Article 19 (B) Article 32 (C) Article 21 (D) Article 14
30. The headquarters of the United Nations is located in:  
(A) Rome (B) New York (C) Geneva (D) Paris
31. The first Indian satellite launched in 1975 was:  
(A) Aryabhata (B) Bhaskara (C) INSAT-1A (D) Rohini
32. Which planet is known as the Red Planet?  
(A) Mercury (B) Mars (C) Venus (D) Jupiter
33. The largest state of India by area is:  
(A) Uttar Pradesh (B) Rajasthan (C) Maharashtra (D) Madhya Pradesh
34. The river Ganga originates from:  
(A) Zemu Glacier (B) Yamunotri Glacier (C) Gangotri Glacier (D) Siachen Glacier
35. The Battle of Plassey was fought in:  
(A) 1764 (B) 1857 (C) 1526 (D) 1757
36. Who wrote the national song Vande Mataram?  
(A) Sarojini Naidu (B) Rabindranath Tagore (C) Bankim Chandra Chatterjee (D) Subhas Chandra Bose
37. Which gas is most abundant in Earth's atmosphere?  
(A) Nitrogen (B) Carbon dioxide (C) Oxygen (D) Hydrogen
38. The Indian Railways was nationalised in:  
(A) 1951 (B) 1956 (C) 1961 (D) 1947
39. Which city is known as the Silicon Valley of India?  
(A) Hyderabad (B) Bengaluru (C) Pune (D) Chennai
40. The Finance Commission is constituted under which article?  
(A) Article 368 (B) Article 280 (C) Article 324 (D) Article 356
41. Which schedule of the Constitution contains languages?  
(A) Seventh Schedule (B) Tenth Schedule (C) Eighth Schedule (D) Fifth Schedule
42. Where is the headquarters of ISRO located?  
(A) Bengaluru (B) New Delhi (C) Sriharikota (D) Hyderabad
43. Which is the smallest union territory of India by area?  
(A) Delhi (B) Lakshadweep (C) Chandigarh (D) Puducherry
44. Who was the first President of India?  
(A) Zakir Husain (B) Dr. Rajendra Prasad (C) V. V. Giri (D) Dr. S. Radhakrishnan
45. Which is the highest civilian award in India?  
(A) Padma Vibhushan (B) Bharat Ratna (C) Param Vir Chakra (D) Padma Bhushan
46. The main source of energy for Earth is:  
(A) Ocean tides (B) Moon (C) Wind (D) Sun
47. Which vitamin is produced in the skin in sunlight?  
(A) Vitamin D (B) Vitamin A (C) Vitamin K (D) Vitamin B12
48. The chemical formula of water is:  
(A) H<sub>2</sub>O (B) O<sub>2</sub> (C) CO<sub>2</sub> (D) NaCl
49. Which metal is liquid at room temperature?  
(A) Iron (B) Aluminium (C) Copper (D) Mercury
50. The Quit India Movement was launched in:  
(A) 1920 (B) 1919 (C) 1942 (D) 1930

## Mathematics

51. If  $x = 7$ , find  $2x + 7$ .

- (A) 21 (B) 16 (C) 14 (D) 7
52. Find the area of a rectangle with length 11 cm and breadth 7 cm.  
(A) 70 sq cm (B) 77 sq cm (C) 88 sq cm (D) 36 sq cm
53. Divide Rs. 84 in the ratio 4:3. What is the first share?  
(A) 45 (B) 36 (C) 52 (D) 48
54. Simplify:  $34 + 17$ .  
(A) 147 (B) 51 (C) 578 (D) 17
55. What is 25% of 66?  
(A) 21 (B) 18 (C) 16 (D) 15
56. Find the LCM of 17 and 35.  
(A) 560 (B) 1 (C) 612 (D) 595
57. A shopkeeper buys an article for Rs. 226 and gains 10%. Find the selling price.  
(A) 216 (B) 248 (C) 258 (D) 238
58. A train covers 190 km at 31 km/h. Approximate time taken is:  
(A) 7 hours (B) 5 hours (C) 8 hours (D) 6 hours
59. If  $x = 22$ , find  $4x + 7$ .  
(A) 88 (B) 92 (C) 81 (D) 95
60. Find the area of a rectangle with length 19 cm and breadth 15 cm.  
(A) 285 sq cm (B) 68 sq cm (C) 304 sq cm (D) 270 sq cm
61. Divide Rs. 55 in the ratio 2:3. What is the first share?  
(A) 24 (B) 19 (C) 22 (D) 33
62. Simplify:  $58 + 25$ .  
(A) 1450 (B) 83 (C) 187 (D) 33
63. What is 15% of 74?  
(A) 11 (B) 10 (C) 13 (D) 16
64. Find the LCM of 25 and 19.  
(A) 475 (B) 500 (C) 456 (D) 1
65. A shopkeeper buys an article for Rs. 282 and gains 20%. Find the selling price.  
(A) 328 (B) 338 (C) 262 (D) 348
66. A train covers 270 km at 39 km/h. Approximate time taken is:  
(A) 9 hours (B) 7 hours (C) 8 hours (D) 6 hours
67. If  $x = 37$ , find  $6x + 7$ .  
(A) 222 (B) 215 (C) 229 (D) 228
68. Find the area of a rectangle with length 12 cm and breadth 11 cm.  
(A) 132 sq cm (B) 121 sq cm (C) 144 sq cm (D) 46 sq cm
69. Divide Rs. 80 in the ratio 5:3. What is the first share?  
(A) 50 (B) 47 (C) 55 (D) 30
70. Simplify:  $32 + 33$ .  
(A) -1 (B) 65 (C) 1056 (D) 1
71. What is 5% of 82?  
(A) 6 (B) 9 (C) 3 (D) 4
72. Find the LCM of 15 and 27.  
(A) 3 (B) 135 (C) 108 (D) 150
73. A shopkeeper buys an article for Rs. 338 and gains 30%. Find the selling price.  
(A) 449 (B) 429 (C) 439 (D) 308
74. A train covers 170 km at 47 km/h. Approximate time taken is:  
(A) 4 hours (B) 3 hours (C) 6 hours (D) 5 hours
75. If  $x = 10$ , find  $2x + 7$ .  
(A) 27 (B) 20 (C) 13 (D) 22
76. Find the area of a rectangle with length 20 cm and breadth 7 cm.  
(A) 133 sq cm (B) 54 sq cm (C) 140 sq cm (D) 160 sq cm
77. Divide Rs. 108 in the ratio 3:3. What is the first share?  
(A) 57 (B) 54 (C) 51 (D) 173
78. Simplify:  $56 + 41$ .  
(A) 97 (B) 2296 (C) 217 (D) 15
79. What is 20% of 20?

- (A) 4 (B) 6 (C) 9 (D) 3
80. Find the LCM of 23 and 35.  
(A) 770 (B) 1 (C) 828 (D) 805
81. A shopkeeper buys an article for Rs. 394 and gains 10%. Find the selling price.  
(A) 384 (B) 433 (C) 443 (D) 423
82. A train covers 250 km at 55 km/h. Approximate time taken is:  
(A) 6 hours (B) 4 hours (C) 5 hours (D) 7 hours
83. If  $x = 25$ , find  $4x + 7$ .  
(A) 104 (B) 107 (C) 100 (D) 93
84. Find the area of a rectangle with length 13 cm and breadth 15 cm.  
(A) 180 sq cm (B) 208 sq cm (C) 195 sq cm (D) 56 sq cm
85. Divide Rs. 153 in the ratio 6:3. What is the first share?  
(A) 108 (B) 102 (C) 99 (D) 51

## General Intelligence and Reasoning

86. 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
87. 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
88. Find the next number: 4, 7, 10, 13, ?  
(A) 19 (B) 16 (C) 18 (D) 13
89. JK : LM :: NO : ?  
(A) QR (B) PQ (C) OP (D) MN
90. If TRAIN is written in reverse order, what will it be?  
(A) NIART (B) NTRAI (C) AINRT (D) RAINT
91. Find the odd one out.  
(A) Apple (B) Banana (C) Potato (D) Mango
92. If square means multiplying a number by itself, what is the square of 4?  
(A) 16 (B) 12 (C) 20 (D) 8
93. 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
94. 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
95. Find the next number: 6, 9, 12, 15, ?  
(A) 21 (B) 18 (C) 20 (D) 15
96. QR : ST :: UV : ?  
(A) XY (B) VW (C) WX (D) TU
97. If CLOCK is written in reverse order, what will it be?  
(A) KCOLC (B) CCKLO (C) KCLOC (D) LOCKC
98. Find the odd one out.  
(A) Banana (B) Apple (C) Potato (D) Mango
99. If square means multiplying a number by itself, what is the square of 5?  
(A) 20 (B) 10 (C) 25 (D) 30
100. 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
101. 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
102. Find the next number: 3, 6, 9, 12, ?  
(A) 15 (B) 18 (C) 12 (D) 17
103. FG : HI :: JK : ?  
(A) IJ (B) KL (C) MN (D) LM
104. If PLANT is written in reverse order, what will it be?  
(A) ALNPT (B) TNALP (C) TPLAN (D) LANTP
105. Find the odd one out.

- (A) Mango (B) Banana (C) Apple (D) Potato
106. If square means multiplying a number by itself, what is the square of 6?  
(A) 12 (B) 30 (C) 36 (D) 42
107. 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
108. 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
109. Find the next number: 5, 8, 11, 14, ?  
(A) 19 (B) 20 (C) 17 (D) 14
110. MN : OP :: QR : ?  
(A) TU (B) PQ (C) ST (D) RS
111. If POINT is written in reverse order, what will it be?  
(A) TPOIN (B) OINTP (C) INOPT (D) TNIOP
112. Find the odd one out.  
(A) Apple (B) Banana (C) Potato (D) Mango
113. If square means multiplying a number by itself, what is the square of 7?  
(A) 56 (B) 42 (C) 14 (D) 49
114. A person faces North, turns right, then again turns right, then turns left. Which direction is the person facing?  
(A) West (B) East (C) South (D) North
115. Pointing to a woman, Ravi says, 'She is the sister of my father.' How is the woman related to Ravi?  
(A) Sister (B) Daughter (C) Aunt (D) Mother
116. Find the next number: 2, 5, 8, 11, ?  
(A) 16 (B) 17 (C) 11 (D) 14
117. BC : DE :: FG : ?  
(A) GH (B) EF (C) IJ (D) HI
118. If BRAVE is written in reverse order, what will it be?  
(A) EVARB (B) EBRAV (C) ABERV (D) RAVEB
119. Find the odd one out.  
(A) Banana (B) Mango (C) Apple (D) Potato
120. If square means multiplying a number by itself, what is the square of 8?  
(A) 64 (B) 72 (C) 16 (D) 56

# Answer Key

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