

RRB NTPC CBT-2 Mock Paper 5

CBT-2 Mock Paper 5

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. The main source of energy for Earth is:
(A) Wind (B) Ocean tides (C) Moon (D) Sun
2. Which vitamin is produced in the skin in sunlight?
(A) Vitamin K (B) Vitamin B12 (C) Vitamin A (D) Vitamin D
3. The chemical formula of water is:
(A) O₂ (B) NaCl (C) H₂O (D) CO₂
4. Which metal is liquid at room temperature?
(A) Iron (B) Copper (C) Aluminium (D) Mercury
5. The Quit India Movement was launched in:
(A) 1919 (B) 1920 (C) 1930 (D) 1942
6. Which organ purifies blood in the human body?
(A) Kidney (B) Lungs (C) Liver (D) Heart
7. Which state has the longest coastline in India?
(A) Gujarat (B) Andhra Pradesh (C) Tamil Nadu (D) Kerala
8. The Tropic of Cancer passes through how many Indian states?
(A) 8 (B) 9 (C) 6 (D) 7
9. Which is the currency of Japan?
(A) Ruble (B) Yen (C) Dollar (D) Won
10. Who discovered the law of gravitation?
(A) Albert Einstein (B) Galileo Galilei (C) Kepler (D) Isaac Newton
11. Which day is celebrated as National Science Day in India?
(A) 2 October (B) 15 August (C) 5 September (D) 28 February
12. The Planning Commission was replaced by:
(A) GST Council (B) Election Commission (C) NITI Aayog (D) Finance Commission
13. The first passenger train in India ran between:
(A) Delhi and Agra (B) Mumbai and Thane (C) Kolkata and Howrah (D) Chennai and Arakkonam
14. Which is the longest bone in the human body?
(A) Tibia (B) Humerus (C) Femur (D) Radius
15. The pH value of pure water at room temperature is:
(A) 9 (B) 5 (C) 7 (D) 3
16. Which Indian state is known as the Spice Garden of India?
(A) Odisha (B) Punjab (C) Assam (D) Kerala
17. Which amendment lowered the voting age from 21 to 18?
(A) 61st Amendment (B) 73rd Amendment (C) 44th Amendment (D) 42nd Amendment
18. The book Discovery of India was written by:
(A) Mahatma Gandhi (B) B. R. Ambedkar (C) R. K. Narayan (D) Jawaharlal Nehru
19. Which is the largest gland in the human body?
(A) Pituitary (B) Pancreas (C) Thyroid (D) Liver
20. Which gas is used by plants during photosynthesis?
(A) Oxygen (B) Hydrogen (C) Carbon dioxide (D) Nitrogen
21. Which country hosted the G20 Summit in 2023?
(A) Brazil (B) India (C) Japan (D) Italy
22. Chandrayaan-3 landed near which region of the Moon?
(A) Equator (B) North polar region (C) South polar region (D) Far side equator
23. Which Indian city is associated with the Integral Coach Factory?
(A) Bhopal (B) Chennai (C) Varanasi (D) Kolkata
24. The Election Commission of India is responsible for conducting:
(A) Only local body elections (B) Parliament and State Assembly elections (C) Only cooperative elections

- (D) Only school elections
25. Which is the largest ocean in the world?
(A) Pacific Ocean (B) Indian Ocean (C) Arctic Ocean (D) Atlantic Ocean
26. The term GDP stands for:
(A) General Domestic Price (B) General Distribution Product (C) Gross Domestic Product (D) Gross Development Plan
27. Which part of the plant conducts photosynthesis mainly?
(A) Leaf (B) Stem (C) Flower (D) Root
28. Which instrument is used to measure atmospheric pressure?
(A) Ammeter (B) Thermometer (C) Barometer (D) Hygrometer
29. Which Mughal emperor built the Red Fort in Delhi?
(A) Babur (B) Shah Jahan (C) Akbar (D) Aurangzeb
30. Which is the constitutional head of a state in India?
(A) Speaker (B) Governor (C) Chief Secretary (D) Chief Minister
31. Which is the national aquatic animal of India?
(A) Crocodile (B) Blue Whale (C) Ganges River Dolphin (D) Olive Ridley Turtle
32. Which blood group is commonly called universal donor?
(A) O negative (B) AB positive (C) A positive (D) B negative
33. Who is known as the Father of the Indian Constitution?
(A) B. R. Ambedkar (B) Mahatma Gandhi (C) Jawaharlal Nehru (D) Sardar Patel
34. Which article of the Indian Constitution deals with equality before law?
(A) Article 19 (B) Article 14 (C) Article 32 (D) Article 21
35. The headquarters of the United Nations is located in:
(A) Geneva (B) New York (C) Rome (D) Paris
36. The first Indian satellite launched in 1975 was:
(A) INSAT-1A (B) Rohini (C) Aryabhata (D) Bhaskara
37. Which planet is known as the Red Planet?
(A) Mercury (B) Jupiter (C) Venus (D) Mars
38. The largest state of India by area is:
(A) Madhya Pradesh (B) Uttar Pradesh (C) Rajasthan (D) Maharashtra
39. The river Ganga originates from:
(A) Siachen Glacier (B) Gangotri Glacier (C) Zemu Glacier (D) Yamunotri Glacier
40. The Battle of Plassey was fought in:
(A) 1526 (B) 1757 (C) 1857 (D) 1764
41. Who wrote the national song Vande Mataram?
(A) Sarojini Naidu (B) Rabindranath Tagore (C) Bankim Chandra Chatterjee (D) Subhas Chandra Bose
42. Which gas is most abundant in Earth's atmosphere?
(A) Hydrogen (B) Nitrogen (C) Carbon dioxide (D) Oxygen
43. The Indian Railways was nationalised in:
(A) 1961 (B) 1947 (C) 1956 (D) 1951
44. Which city is known as the Silicon Valley of India?
(A) Pune (B) Hyderabad (C) Chennai (D) Bengaluru
45. The Finance Commission is constituted under which article?
(A) Article 368 (B) Article 324 (C) Article 280 (D) Article 356
46. Which schedule of the Constitution contains languages?
(A) Eighth Schedule (B) Fifth Schedule (C) Tenth Schedule (D) Seventh Schedule
47. Where is the headquarters of ISRO located?
(A) Sriharikota (B) New Delhi (C) Hyderabad (D) Bengaluru
48. Which is the smallest union territory of India by area?
(A) Delhi (B) Puducherry (C) Lakshadweep (D) Chandigarh
49. Who was the first President of India?
(A) V. V. Giri (B) Dr. S. Radhakrishnan (C) Zakir Husain (D) Dr. Rajendra Prasad
50. Which is the highest civilian award in India?
(A) Padma Bhushan (B) Param Vir Chakra (C) Bharat Ratna (D) Padma Vibhushan

Mathematics

51. Simplify: $25 + 49$.

- (A) 74 (B) 1225 (C) 24 (D) -24
52. What is 10% of 48?
(A) 5 (B) 3 (C) 6 (D) 9
53. Find the LCM of 14 and 27.
(A) 378 (B) 392 (C) 1 (D) 351
54. A shopkeeper buys an article for Rs. 200 and gains 25%. Find the selling price.
(A) 250 (B) 260 (C) 175 (D) 240
55. A train covers 160 km at 53 km/h. Approximate time taken is:
(A) 5 hours (B) 3 hours (C) 4 hours (D) 2 hours
56. If $x = 47$, find $7x + 7$.
(A) 422 (B) 336 (C) 329 (D) 322
57. Find the area of a rectangle with length 16 cm and breadth 7 cm.
(A) 105 sq cm (B) 112 sq cm (C) 128 sq cm (D) 46 sq cm
58. Divide Rs. 136 in the ratio 4:4. What is the first share?
(A) 163 (B) 72 (C) 64 (D) 68
59. Simplify: $49 + 17$.
(A) 162 (B) 66 (C) 833 (D) 32
60. What is 25% of 56?
(A) 19 (B) 16 (C) 14 (D) 13
61. Find the LCM of 22 and 35.
(A) 735 (B) 1 (C) 792 (D) 770
62. A shopkeeper buys an article for Rs. 256 and gains 35%. Find the selling price.
(A) 221 (B) 345 (C) 355 (D) 335
63. A train covers 240 km at 31 km/h. Approximate time taken is:
(A) 9 hours (B) 7 hours (C) 10 hours (D) 8 hours
64. If $x = 20$, find $3x + 7$.
(A) 60 (B) 63 (C) 53 (D) 67
65. Find the area of a rectangle with length 24 cm and breadth 15 cm.
(A) 360 sq cm (B) 78 sq cm (C) 384 sq cm (D) 345 sq cm
66. Divide Rs. 96 in the ratio 2:4. What is the first share?
(A) 34 (B) 28 (C) 32 (D) 64
67. Simplify: $73 + 25$.
(A) 1825 (B) 98 (C) 202 (D) 48
68. What is 15% of 64?
(A) 10 (B) 8 (C) 11 (D) 14
69. Find the LCM of 12 and 19.
(A) 228 (B) 240 (C) 209 (D) 1
70. A shopkeeper buys an article for Rs. 312 and gains 15%. Find the selling price.
(A) 348 (B) 358 (C) 297 (D) 368
71. A train covers 140 km at 39 km/h. Approximate time taken is:
(A) 6 hours (B) 4 hours (C) 5 hours (D) 3 hours
72. If $x = 28$, find $5x + 7$.
(A) 140 (B) 133 (C) 147 (D) 145
73. Find the area of a rectangle with length 17 cm and breadth 11 cm.
(A) 187 sq cm (B) 176 sq cm (C) 204 sq cm (D) 56 sq cm
74. Divide Rs. 135 in the ratio 5:4. What is the first share?
(A) 75 (B) 71 (C) 80 (D) 60
75. Simplify: $47 + 33$.
(A) 14 (B) 80 (C) 1551 (D) 192
76. What is 5% of 72?
(A) 5 (B) 8 (C) 2 (D) 4
77. Find the LCM of 20 and 27.
(A) 1 (B) 540 (C) 513 (D) 560
78. A shopkeeper buys an article for Rs. 368 and gains 25%. Find the selling price.
(A) 470 (B) 450 (C) 460 (D) 343
79. A train covers 220 km at 47 km/h. Approximate time taken is:

- (A) 5 hours (B) 4 hours (C) 7 hours (D) 6 hours
80. If $x = 43$, find $7x + 7$.
 (A) 418 (B) 301 (C) 294 (D) 308
81. Find the area of a rectangle with length 10 cm and breadth 7 cm.
 (A) 63 sq cm (B) 34 sq cm (C) 70 sq cm (D) 80 sq cm
82. Divide Rs. 98 in the ratio 3:4. What is the first share?
 (A) 56 (B) 42 (C) 45 (D) 38
83. Simplify: $71 + 41$.
 (A) 112 (B) 2911 (C) 232 (D) 30
84. What is 20% of 80?
 (A) 16 (B) 18 (C) 21 (D) 15
85. Find the LCM of 28 and 35.
 (A) 105 (B) 7 (C) 168 (D) 140

General Intelligence and Reasoning

86. Find the next number: 2, 8, 14, 20, ?
 (A) 32 (B) 28 (C) 20 (D) 26
87. $CD : EF :: GH : ?$
 (A) IJ (B) HI (C) JK (D) FG
88. If BRAVE is written in reverse order, what will it be?
 (A) EVARB (B) RAVEB (C) EBRAV (D) ABERV
89. Find the odd one out.
 (A) Potato (B) Banana (C) Apple (D) Mango
90. If square means multiplying a number by itself, what is the square of 8?
 (A) 72 (B) 64 (C) 56 (D) 16
91. 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
92. 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
93. Find the next number: 4, 10, 16, 22, ?
 (A) 34 (B) 28 (C) 30 (D) 22
94. $JK : LM :: NO : ?$
 (A) QR (B) PQ (C) OP (D) MN
95. If TRAIN is written in reverse order, what will it be?
 (A) NIART (B) NTRAI (C) AINRT (D) RAIN T
96. Find the odd one out.
 (A) Apple (B) Banana (C) Potato (D) Mango
97. If square means multiplying a number by itself, what is the square of 9?
 (A) 81 (B) 72 (C) 90 (D) 18
98. 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
99. 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
100. Find the next number: 6, 12, 18, 24, ?
 (A) 36 (B) 30 (C) 32 (D) 24
101. $QR : ST :: UV : ?$
 (A) XY (B) VW (C) WX (D) TU
102. If CLOCK is written in reverse order, what will it be?
 (A) KCOLC (B) CCKLO (C) KCLOC (D) LOCKC
103. Find the odd one out.
 (A) Banana (B) Apple (C) Potato (D) Mango
104. If square means multiplying a number by itself, what is the square of 4?
 (A) 12 (B) 8 (C) 16 (D) 20
105. 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
106. 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
107. Find the next number: 3, 9, 15, 21, ?
(A) 27 (B) 33 (C) 21 (D) 29
108. FG : HI :: JK : ?
(A) IJ (B) KL (C) MN (D) LM
109. If PLANT is written in reverse order, what will it be?
(A) ALNPT (B) TNALP (C) TPLAN (D) LANTP
110. Find the odd one out.
(A) Mango (B) Banana (C) Apple (D) Potato
111. If square means multiplying a number by itself, what is the square of 5?
(A) 10 (B) 20 (C) 25 (D) 30
112. 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
113. 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
114. Find the next number: 5, 11, 17, 23, ?
(A) 31 (B) 35 (C) 29 (D) 23
115. MN : OP :: QR : ?
(A) TU (B) PQ (C) ST (D) RS
116. If POINT is written in reverse order, what will it be?
(A) TPOIN (B) OINTP (C) INOPT (D) TNIOP
117. Find the odd one out.
(A) Apple (B) Banana (C) Potato (D) Mango
118. If square means multiplying a number by itself, what is the square of 6?
(A) 42 (B) 30 (C) 12 (D) 36
119. 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
120. 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

Answer Key

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