

RRB NTPC CBT-2 Mock Paper 8

CBT-2 Mock Paper 8

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

- The Battle of Plassey was fought in:
(A) 1757 (B) 1526 (C) 1857 (D) 1764
- Who wrote the national song Vande Mataram?
(A) Sarojini Naidu (B) Rabindranath Tagore (C) Bankim Chandra Chatterjee (D) Subhas Chandra Bose
- Which gas is most abundant in Earth's atmosphere?
(A) Hydrogen (B) Carbon dioxide (C) Nitrogen (D) Oxygen
- The Indian Railways was nationalised in:
(A) 1947 (B) 1951 (C) 1956 (D) 1961
- Which city is known as the Silicon Valley of India?
(A) Pune (B) Hyderabad (C) Bengaluru (D) Chennai
- The Finance Commission is constituted under which article?
(A) Article 324 (B) Article 280 (C) Article 368 (D) Article 356
- Which schedule of the Constitution contains languages?
(A) Tenth Schedule (B) Fifth Schedule (C) Seventh Schedule (D) Eighth Schedule
- Where is the headquarters of ISRO located?
(A) New Delhi (B) Bengaluru (C) Hyderabad (D) Sriharikota
- Which is the smallest union territory of India by area?
(A) Chandigarh (B) Delhi (C) Puducherry (D) Lakshadweep
- Who was the first President of India?
(A) Dr. Rajendra Prasad (B) Zakir Husain (C) V. V. Giri (D) Dr. S. Radhakrishnan
- Which is the highest civilian award in India?
(A) Padma Vibhushan (B) Padma Bhushan (C) Param Vir Chakra (D) Bharat Ratna
- The main source of energy for Earth is:
(A) Ocean tides (B) Wind (C) Moon (D) Sun
- Which vitamin is produced in the skin in sunlight?
(A) Vitamin A (B) Vitamin D (C) Vitamin K (D) Vitamin B12
- The chemical formula of water is:
(A) H₂O (B) CO₂ (C) O₂ (D) NaCl
- Which metal is liquid at room temperature?
(A) Copper (B) Aluminium (C) Iron (D) Mercury
- The Quit India Movement was launched in:
(A) 1919 (B) 1920 (C) 1942 (D) 1930
- Which organ purifies blood in the human body?
(A) Kidney (B) Heart (C) Liver (D) Lungs
- Which state has the longest coastline in India?
(A) Kerala (B) Andhra Pradesh (C) Gujarat (D) Tamil Nadu
- The Tropic of Cancer passes through how many Indian states?
(A) 7 (B) 6 (C) 8 (D) 9
- Which is the currency of Japan?
(A) Won (B) Ruble (C) Dollar (D) Yen
- Who discovered the law of gravitation?
(A) Isaac Newton (B) Kepler (C) Galileo Galilei (D) Albert Einstein
- Which day is celebrated as National Science Day in India?
(A) 5 September (B) 28 February (C) 15 August (D) 2 October
- The Planning Commission was replaced by:
(A) NITI Aayog (B) Election Commission (C) Finance Commission (D) GST Council
- The first passenger train in India ran between:
(A) Kolkata and Howrah (B) Chennai and Arakkonam (C) Delhi and Agra (D) Mumbai and Thane

25. Which is the longest bone in the human body?
(A) Radius (B) Humerus (C) Tibia (D) Femur
26. The pH value of pure water at room temperature is:
(A) 9 (B) 5 (C) 7 (D) 3
27. Which Indian state is known as the Spice Garden of India?
(A) Kerala (B) Odisha (C) Assam (D) Punjab
28. Which amendment lowered the voting age from 21 to 18?
(A) 44th Amendment (B) 73rd Amendment (C) 61st Amendment (D) 42nd Amendment
29. The book Discovery of India was written by:
(A) Mahatma Gandhi (B) B. R. Ambedkar (C) R. K. Narayan (D) Jawaharlal Nehru
30. Which is the largest gland in the human body?
(A) Pituitary (B) Liver (C) Thyroid (D) Pancreas
31. Which gas is used by plants during photosynthesis?
(A) Carbon dioxide (B) Nitrogen (C) Oxygen (D) Hydrogen
32. Which country hosted the G20 Summit in 2023?
(A) Brazil (B) Japan (C) Italy (D) India
33. Chandrayaan-3 landed near which region of the Moon?
(A) South polar region (B) Far side equator (C) North polar region (D) Equator
34. Which Indian city is associated with the Integral Coach Factory?
(A) Varanasi (B) Bhopal (C) Kolkata (D) Chennai
35. 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
36. Which is the largest ocean in the world?
(A) Arctic Ocean (B) Indian Ocean (C) Atlantic Ocean (D) Pacific Ocean
37. The term GDP stands for:
(A) General Distribution Product (B) Gross Domestic Product (C) General Domestic Price (D) Gross Development Plan
38. Which part of the plant conducts photosynthesis mainly?
(A) Leaf (B) Root (C) Stem (D) Flower
39. Which instrument is used to measure atmospheric pressure?
(A) Hygrometer (B) Ammeter (C) Barometer (D) Thermometer
40. Which Mughal emperor built the Red Fort in Delhi?
(A) Akbar (B) Aurangzeb (C) Babur (D) Shah Jahan
41. Which is the constitutional head of a state in India?
(A) Chief Secretary (B) Governor (C) Speaker (D) Chief Minister
42. Which is the national aquatic animal of India?
(A) Ganges River Dolphin (B) Crocodile (C) Olive Ridley Turtle (D) Blue Whale
43. Which blood group is commonly called universal donor?
(A) AB positive (B) O negative (C) B negative (D) A positive
44. Who is known as the Father of the Indian Constitution?
(A) B. R. Ambedkar (B) Jawaharlal Nehru (C) Mahatma Gandhi (D) Sardar Patel
45. Which article of the Indian Constitution deals with equality before law?
(A) Article 21 (B) Article 32 (C) Article 19 (D) Article 14
46. The headquarters of the United Nations is located in:
(A) Paris (B) Geneva (C) Rome (D) New York
47. The first Indian satellite launched in 1975 was:
(A) Rohini (B) Bhaskara (C) INSAT-1A (D) Aryabhata
48. Which planet is known as the Red Planet?
(A) Jupiter (B) Venus (C) Mars (D) Mercury
49. The largest state of India by area is:
(A) Maharashtra (B) Madhya Pradesh (C) Uttar Pradesh (D) Rajasthan
50. The river Ganga originates from:
(A) Siachen Glacier (B) Yamunotri Glacier (C) Zemu Glacier (D) Gangotri Glacier

Mathematics

51. Divide Rs. 90 in the ratio 2:7. What is the first share?

- (A) 22 (B) 20 (C) 13 (D) 70
52. Simplify: $28 + 49$.
(A) 21 (B) -21 (C) 77 (D) 1372
53. What is 15% of 26?
(A) 8 (B) 2 (C) 4 (D) 5
54. Find the LCM of 15 and 19.
(A) 300 (B) 1 (C) 266 (D) 285
55. A shopkeeper buys an article for Rs. 246 and gains 30%. Find the selling price.
(A) 319 (B) 216 (C) 329 (D) 309
56. A train covers 170 km at 33 km/h. Approximate time taken is:
(A) 7 hours (B) 4 hours (C) 6 hours (D) 5 hours
57. If $x = 12$, find $2x + 6$.
(A) 26 (B) 24 (C) 30 (D) 18
58. Find the area of a rectangle with length 17 cm and breadth 11 cm.
(A) 204 sq cm (B) 176 sq cm (C) 187 sq cm (D) 56 sq cm
59. Divide Rs. 216 in the ratio 5:7. What is the first share?
(A) 83 (B) 126 (C) 95 (D) 90
60. Simplify: $52 + 17$.
(A) 35 (B) 205 (C) 884 (D) 69
61. What is 5% of 34?
(A) 2 (B) 6 (C) 0 (D) 3
62. Find the LCM of 23 and 27.
(A) 594 (B) 1 (C) 621 (D) 644
63. A shopkeeper buys an article for Rs. 302 and gains 10%. Find the selling price.
(A) 332 (B) 342 (C) 322 (D) 292
64. A train covers 250 km at 41 km/h. Approximate time taken is:
(A) 5 hours (B) 6 hours (C) 7 hours (D) 8 hours
65. If $x = 18$, find $4x + 6$.
(A) 66 (B) 76 (C) 72 (D) 78
66. Find the area of a rectangle with length 10 cm and breadth 7 cm.
(A) 70 sq cm (B) 80 sq cm (C) 34 sq cm (D) 63 sq cm
67. Divide Rs. 170 in the ratio 3:7. What is the first share?
(A) 119 (B) 51 (C) 54 (D) 44
68. Simplify: $26 + 25$.
(A) 51 (B) 1 (C) 195 (D) 650
69. What is 20% of 42?
(A) 10 (B) 8 (C) 13 (D) 7
70. Find the LCM of 13 and 35.
(A) 468 (B) 1 (C) 420 (D) 455
71. A shopkeeper buys an article for Rs. 358 and gains 20%. Find the selling price.
(A) 429 (B) 439 (C) 338 (D) 419
72. A train covers 150 km at 49 km/h. Approximate time taken is:
(A) 2 hours (B) 4 hours (C) 5 hours (D) 3 hours
73. If $x = 31$, find $6x + 6$.
(A) 180 (B) 192 (C) 335 (D) 186
74. Find the area of a rectangle with length 18 cm and breadth 15 cm.
(A) 255 sq cm (B) 66 sq cm (C) 288 sq cm (D) 270 sq cm
75. Divide Rs. 208 in the ratio 6:7. What is the first share?
(A) 102 (B) 112 (C) 96 (D) 89
76. Simplify: $50 + 33$.
(A) 235 (B) 1650 (C) 83 (D) 17
77. What is 10% of 50?
(A) 10 (B) 7 (C) 5 (D) 4
78. Find the LCM of 21 and 19.
(A) 1 (B) 399 (C) 420 (D) 380
79. A shopkeeper buys an article for Rs. 114 and gains 30%. Find the selling price.

- (A) 158 (B) 84 (C) 148 (D) 138
80. A train covers 230 km at 57 km/h. Approximate time taken is:
(A) 4 hours (B) 6 hours (C) 3 hours (D) 5 hours
81. If $x = 8$, find $2x + 6$.
(A) 18 (B) 16 (C) 10 (D) 22
82. Find the area of a rectangle with length 11 cm and breadth 11 cm.
(A) 132 sq cm (B) 44 sq cm (C) 110 sq cm (D) 121 sq cm
83. Divide Rs. 165 in the ratio 4:7. What is the first share?
(A) 53 (B) 60 (C) 105 (D) 64
84. Simplify: $74 + 41$.
(A) 33 (B) 115 (C) 3034 (D) 275
85. What is 25% of 58?
(A) 16 (B) 14 (C) 19 (D) 13

General Intelligence and Reasoning

86. If square means multiplying a number by itself, what is the square of 4?
(A) 16 (B) 20 (C) 8 (D) 12
87. A person faces North, turns right, then again turns right, then turns left. Which direction is the person facing?
(A) South (B) East (C) West (D) North
88. Pointing to a woman, Ravi says, 'She is the sister of my father.' How is the woman related to Ravi?
(A) Sister (B) Mother (C) Aunt (D) Daughter
89. Find the next number: 5, 10, 15, 20, ?
(A) 25 (B) 20 (C) 30 (D) 27
90. IJ : KL :: MN : ?
(A) NO (B) OP (C) PQ (D) LM
91. If TRAIN is written in reverse order, what will it be?
(A) NIART (B) RAIN T (C) AINRT (D) NTRAI
92. Find the odd one out.
(A) Mango (B) Apple (C) Potato (D) Banana
93. If square means multiplying a number by itself, what is the square of 5?
(A) 30 (B) 10 (C) 20 (D) 25
94. 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
95. 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) Sister (D) Aunt
96. Find the next number: 2, 7, 12, 17, ?
(A) 17 (B) 27 (C) 24 (D) 22
97. PQ : RS :: TU : ?
(A) ST (B) UV (C) WX (D) VW
98. If CLOCK is written in reverse order, what will it be?
(A) KCLOC (B) LOCKC (C) KCOLC (D) CCKLO
99. Find the odd one out.
(A) Banana (B) Potato (C) Apple (D) Mango
100. If square means multiplying a number by itself, what is the square of 6?
(A) 42 (B) 12 (C) 36 (D) 30
101. 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
102. 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
103. Find the next number: 4, 9, 14, 19, ?
(A) 24 (B) 19 (C) 26 (D) 29
104. EF : GH :: IJ : ?
(A) JK (B) KL (C) LM (D) HI
105. If PLANT is written in reverse order, what will it be?

- (A) TPLAN (B) LANTP (C) ALNPT (D) TNALP
106. Find the odd one out.
(A) Banana (B) Apple (C) Mango (D) Potato
107. If square means multiplying a number by itself, what is the square of 7?
(A) 14 (B) 49 (C) 56 (D) 42
108. 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
109. 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) Aunt (D) Daughter
110. Find the next number: 6, 11, 16, 21, ?
(A) 26 (B) 21 (C) 28 (D) 31
111. LM : NO :: PQ : ?
(A) RS (B) QR (C) OP (D) ST
112. If POINT is written in reverse order, what will it be?
(A) TPOIN (B) TNIOP (C) OINTP (D) INOPT
113. Find the odd one out.
(A) Mango (B) Potato (C) Apple (D) Banana
114. If square means multiplying a number by itself, what is the square of 8?
(A) 56 (B) 72 (C) 64 (D) 16
115. A person faces North, turns right, then again turns right, then turns left. Which direction is the person facing?
(A) North (B) West (C) East (D) South
116. 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) Sister (D) Aunt
117. Find the next number: 3, 8, 13, 18, ?
(A) 25 (B) 23 (C) 18 (D) 28
118. AB : CD :: EF : ?
(A) FG (B) DE (C) HI (D) GH
119. If BRAVE is written in reverse order, what will it be?
(A) RAVEB (B) EVARB (C) EBRAV (D) ABERV
120. Find the odd one out.
(A) Banana (B) Mango (C) Potato (D) Apple

Answer Key

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