

RRB NTPC CBT-1 Mock Paper 8

CBT-1 Mock Paper 8

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

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

25. The Planning Commission was replaced by:
(A) NITI Aayog (B) GST Council (C) Finance Commission (D) Election Commission
26. The first passenger train in India ran between:
(A) Delhi and Agra (B) Chennai and Arakkonam (C) Mumbai and Thane (D) Kolkata and Howrah
27. Which is the longest bone in the human body?
(A) Humerus (B) Tibia (C) Femur (D) Radius
28. The pH value of pure water at room temperature is:
(A) 5 (B) 9 (C) 7 (D) 3
29. Which Indian state is known as the Spice Garden of India?
(A) Assam (B) Punjab (C) Kerala (D) Odisha
30. Which amendment lowered the voting age from 21 to 18?
(A) 73rd Amendment (B) 61st Amendment (C) 44th Amendment (D) 42nd Amendment
31. The book Discovery of India was written by:
(A) R. K. Narayan (B) Mahatma Gandhi (C) Jawaharlal Nehru (D) B. R. Ambedkar
32. Which is the largest gland in the human body?
(A) Thyroid (B) Pancreas (C) Liver (D) Pituitary
33. Which gas is used by plants during photosynthesis?
(A) Hydrogen (B) Nitrogen (C) Oxygen (D) Carbon dioxide
34. Which country hosted the G20 Summit in 2023?
(A) India (B) Italy (C) Brazil (D) Japan
35. Chandrayaan-3 landed near which region of the Moon?
(A) South polar region (B) North polar region (C) Far side equator (D) Equator
36. Which Indian city is associated with the Integral Coach Factory?
(A) Varanasi (B) Kolkata (C) Chennai (D) Bhopal
37. The Election Commission of India is responsible for conducting:
(A) Parliament and State Assembly elections (B) Only cooperative elections (C) Only local body elections (D) Only school elections
38. Which is the largest ocean in the world?
(A) Indian Ocean (B) Arctic Ocean (C) Atlantic Ocean (D) Pacific Ocean
39. The term GDP stands for:
(A) General Domestic Price (B) Gross Domestic Product (C) Gross Development Plan (D) General Distribution Product
40. Which part of the plant conducts photosynthesis mainly?
(A) Stem (B) Root (C) Leaf (D) Flower
- Mathematics**
41. If $x = 4$, find $2x + 4$.
(A) 10 (B) 12 (C) 8 (D) 4
42. Find the area of a rectangle with length 11 cm and breadth 15 cm.
(A) 150 sq cm (B) 176 sq cm (C) 165 sq cm (D) 52 sq cm
43. Divide Rs. 108 in the ratio 4:5. What is the first share?
(A) 52 (B) 48 (C) 43 (D) 60
44. Simplify: $34 + 49$.
(A) 15 (B) -15 (C) 83 (D) 1666
45. What is 25% of 22?
(A) 10 (B) 4 (C) 6 (D) 7
46. Find the LCM of 17 and 19.
(A) 340 (B) 1 (C) 304 (D) 323
47. A shopkeeper buys an article for Rs. 258 and gains 10%. Find the selling price.
(A) 283 (B) 248 (C) 293 (D) 273
48. A train covers 190 km at 33 km/h. Approximate time taken is:
(A) 8 hours (B) 5 hours (C) 7 hours (D) 6 hours
49. If $x = 13$, find $4x + 4$.
(A) 56 (B) 52 (C) 185 (D) 48
50. Find the area of a rectangle with length 19 cm and breadth 11 cm.
(A) 228 sq cm (B) 198 sq cm (C) 209 sq cm (D) 60 sq cm
51. Divide Rs. 77 in the ratio 2:5. What is the first share?

- (A) 17 (B) 55 (C) 24 (D) 22
52. Simplify: $58 + 17$.
(A) 41 (B) 211 (C) 986 (D) 75
53. What is 15% of 30?
(A) 4 (B) 9 (C) 3 (D) 6
54. Find the LCM of 25 and 27.
(A) 648 (B) 1 (C) 675 (D) 700
55. A shopkeeper buys an article for Rs. 314 and gains 20%. Find the selling price.
(A) 376 (B) 386 (C) 366 (D) 294
56. A train covers 270 km at 41 km/h. Approximate time taken is:
(A) 6 hours (B) 7 hours (C) 8 hours (D) 9 hours
57. If $x = 22$, find $6x + 4$.
(A) 128 (B) 138 (C) 132 (D) 136
58. Find the area of a rectangle with length 12 cm and breadth 7 cm.
(A) 84 sq cm (B) 96 sq cm (C) 38 sq cm (D) 77 sq cm
59. Divide Rs. 100 in the ratio 5:5. What is the first share?
(A) 55 (B) 50 (C) 45 (D) 193
60. Simplify: $32 + 25$.
(A) 57 (B) 7 (C) 201 (D) 800
61. What is 5% of 38?
(A) 3 (B) 2 (C) 6 (D) 0
62. Find the LCM of 15 and 35.
(A) 120 (B) 5 (C) 70 (D) 105
63. A shopkeeper buys an article for Rs. 370 and gains 30%. Find the selling price.
(A) 481 (B) 491 (C) 340 (D) 471
64. A train covers 170 km at 49 km/h. Approximate time taken is:
(A) 2 hours (B) 4 hours (C) 5 hours (D) 3 hours
65. If $x = 7$, find $2x + 4$.
(A) 10 (B) 16 (C) 18 (D) 14
66. Find the area of a rectangle with length 20 cm and breadth 15 cm.
(A) 285 sq cm (B) 70 sq cm (C) 320 sq cm (D) 300 sq cm
67. Divide Rs. 144 in the ratio 3:5. What is the first share?
(A) 57 (B) 90 (C) 54 (D) 49
68. Simplify: $56 + 33$.
(A) 241 (B) 1848 (C) 89 (D) 23
69. What is 20% of 46?
(A) 14 (B) 11 (C) 9 (D) 8
70. Find the LCM of 23 and 19.
(A) 1 (B) 437 (C) 460 (D) 418

General Intelligence and Reasoning

71. If BRAVE is written in reverse order, what will it be?
(A) EVARB (B) EBRAV (C) ABERV (D) RAVEB
72. Find the odd one out.
(A) Banana (B) Mango (C) Apple (D) Potato
73. If square means multiplying a number by itself, what is the square of 6?
(A) 36 (B) 42 (C) 12 (D) 30
74. 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
75. 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
76. Find the next number: 2, 5, 8, 11, ?
(A) 14 (B) 11 (C) 17 (D) 16
77. IJ : KL :: MN : ?
(A) NO (B) OP (C) PQ (D) LM
78. If TRAIN is written in reverse order, what will it be?

- (A) NIART (B) RAIN T (C) AINRT (D) NTRAI
79. Find the odd one out.
(A) Mango (B) Apple (C) Potato (D) Banana
80. If square means multiplying a number by itself, what is the square of 7?
(A) 56 (B) 14 (C) 42 (D) 49
81. 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
82. 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
83. Find the next number: 4, 7, 10, 13, ?
(A) 13 (B) 19 (C) 18 (D) 16
84. PQ : RS :: TU : ?
(A) ST (B) UV (C) WX (D) VW
85. If CLOCK is written in reverse order, what will it be?
(A) KCLOC (B) LOCKC (C) KCOLC (D) CCKLO
86. Find the odd one out.
(A) Banana (B) Potato (C) Apple (D) Mango
87. If square means multiplying a number by itself, what is the square of 8?
(A) 72 (B) 16 (C) 64 (D) 56
88. 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
89. 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
90. Find the next number: 6, 9, 12, 15, ?
(A) 18 (B) 15 (C) 20 (D) 21
91. EF : GH :: IJ : ?
(A) JK (B) KL (C) LM (D) HI
92. If PLANT is written in reverse order, what will it be?
(A) TPLAN (B) LANTP (C) ALNPT (D) TNALP
93. Find the odd one out.
(A) Banana (B) Apple (C) Mango (D) Potato
94. If square means multiplying a number by itself, what is the square of 9?
(A) 18 (B) 81 (C) 90 (D) 72
95. 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
96. 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
97. Find the next number: 3, 6, 9, 12, ?
(A) 15 (B) 12 (C) 17 (D) 18
98. LM : NO :: PQ : ?
(A) RS (B) QR (C) OP (D) ST
99. If POINT is written in reverse order, what will it be?
(A) TPOIN (B) TNIOP (C) OINTP (D) INOPT
100. Find the odd one out.
(A) Mango (B) Potato (C) Apple (D) Banana

Answer Key

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