

# Railway Group D CBT Mock Test 8

Based on official RRB Level 1 CBT pattern: 100 questions, 100 marks, 90 minutes

Subject	Questions	Marks
General Science	25	25
Mathematics	25	25
General Intelligence and Reasoning	30	30
General Awareness and Current Affairs	20	20
<b>Total</b>	<b>100</b>	<b>100</b>

- Time allowed: 90 minutes. Eligible PwBD candidates with scribe should follow the official time rules.
- Each question carries 1 mark. Negative marking: 1/3 mark for each wrong answer.
- Attempt easy questions first. Avoid blind guessing.
- This is practice material for students. Always verify latest exam updates from official RRB websites.

Answer Key is provided at the end of this PDF.

## General Science

1. Which process changes water vapour into liquid water?  
A. Sublimation                      B. Condensation                      C. Melting                      D. Evaporation
2. Which acid is present in lemon?  
A. Hydrochloric acid                      B. Citric acid                      C. Lactic acid                      D. Acetic acid
3. Which substance is used in pencils?  
A. Charcoal                      B. Graphite                      C. Diamond                      D. Lead
4. The basic unit of life is:  
A. Organ                      B. Tissue                      C. Neuron                      D. Cell
5. Which is the centre of an atom?  
A. Shell                      B. Nucleus                      C. Proton cloud                      D. Electron
6. The unit of power is:  
A. Joule                      B. Newton                      C. Volt                      D. Watt
7. Which is the unit of frequency?  
A. Joule                      B. Hertz                      C. Newton                      D. Watt
8. The process by which plants make food is called:  
A. Respiration                      B. Photosynthesis                      C. Transpiration                      D. Digestion
9. Which gas is poisonous and combines with haemoglobin?  
A. Carbon monoxide                      B. Oxygen                      C. Nitrogen                      D. Helium
10. The SI unit of force is:  
A. Joule                      B. Pascal                      C. Watt                      D. Newton
11. Which blood cells help in clotting of blood?  
A. WBC                      B. Plasma                      C. Platelets                      D. RBC
12. Which metal is liquid at room temperature?  
A. Mercury                      B. Copper                      C. Aluminium                      D. Iron
13. Which instrument measures atmospheric pressure?  
A. Anemometer                      B. Thermometer                      C. Ammeter                      D. Barometer
14. Which disease is caused by deficiency of Vitamin C?  
A. Rickets                      B. Night blindness                      C. Scurvy                      D. Anaemia
15. Which instrument is used to measure electric current?  
A. Voltmeter                      B. Thermometer                      C. Ammeter                      D. Barometer
16. The chemical formula of water is:  
A. H<sub>2</sub>O                      B. NaCl                      C. O<sub>2</sub>                      D. CO<sub>2</sub>
17. Which organelle is called the powerhouse of the cell?  
A. Ribosome                      B. Mitochondria                      C. Nucleus                      D. Golgi body
18. Which instrument is used to see very small objects?  
A. Telescope                      B. Stethoscope                      C. Periscope                      D. Microscope
19. Which organ controls the nervous system?  
A. Brain                      B. Kidney                      C. Heart                      D. Liver
20. Which organ pumps blood in the human body?  
A. Lungs                      B. Kidney                      C. Heart                      D. Liver
21. Which instrument is used to measure humidity?  
A. Barometer                      B. Thermometer                      C. Hygrometer                      D. Ammeter
22. Which blood group is called universal donor?  
A. A positive                      B. O negative                      C. B negative                      D. AB positive
23. Which part of the brain controls balance?  
A. Medulla                      B. Spinal cord                      C. Cerebrum                      D. Cerebellum

24. The green pigment in plants is:

- A. Haemoglobin                      B. Keratin                      C. Chlorophyll                      D. Melanin

25. Which planet is known as the Red Planet?

- A. Jupiter                      B. Mars                      C. Venus                      D. Saturn

## Mathematics

26. Ravi is 24 years old now. What will be his age after 4 years?

- A. 27 years                      B. 29 years                      C. 30 years                      D. 28 years

27. A shopkeeper buys an article for Rs. 800 and sells it at 12% profit. What is the selling price?

- A. 896 Rs.                      B. 895 Rs.                      C. 897 Rs.                      D. 898 Rs.

28. Find the compound interest on Rs. 2000 at 5% per annum for 2 years compounded annually.

- A. 205 Rs.                      B. 204 Rs.                      C. 207 Rs.                      D. 206 Rs.

29. Simplify:  $17 + 5 \times 6 - 19$ .

- A. 30                      B. 27                      C. 29                      D. 28

30. What is the square of 25?

- A. 625                      B. 624                      C. 627                      D. 626

31. How many complete weeks are there in 63 days?

- A. 10 weeks                      B. 11 weeks                      C. 8 weeks                      D. 9 weeks

32. How many complete weeks are there in 56 days?

- A. 8 weeks                      B. 7 weeks                      C. 9 weeks                      D. 10 weeks

33. Find the average of 36, 78, 67, 24, 68.

- A. 56.6                      B. 53.6                      C. 55.6                      D. 54.6

34. Find the average of 34, 14, 69, 69, 59.

- A. 49                      B. 51                      C. 48                      D. 50

35. Find the LCM of 21 and 28.

- A. 86                      B. 85                      C. 83                      D. 84

36. What is the square of 16?

- A. 255                      B. 258                      C. 256                      D. 257

37. Marked price of an item is Rs. 1200. If a discount of 30% is given, what is the selling price?

- A. 842 Rs.                      B. 840 Rs.                      C. 841 Rs.                      D. 839 Rs.

38. Find the average of 59, 16, 50, 37, 67.

- A. 46.8                      B. 44.8                      C. 45.8                      D. 47.8

39. Find the average of 70, 15, 49, 64, 78.

- A. 57.2                      B. 54.2                      C. 55.2                      D. 56.2

40. Find the LCM of 15 and 20.

- A. 60                      B. 61                      C. 59                      D. 62

41. If  $7x + 8 = 64$ , then find x.

- A. 8                      B. 10                      C. 7                      D. 9

42. A can complete a work in 10 days and B in 60 days. In how many days can they complete it together?

- A. 10.57 days                      B. 8.57 days                      C. 7.57 days                      D. 9.57 days

43. Find the compound interest on Rs. 1000 at 5% per annum for 2 years compounded annually.

- A. 102.5 Rs.                      B. 104.5 Rs.                      C. 101.5 Rs.                      D. 103.5 Rs.

44. Find the LCM of 24 and 36.

- A. 73                      B. 74                      C. 71                      D. 72

45. Marked price of an item is Rs. 2000. If a discount of 12% is given, what is the selling price?

- A. 1760 Rs.                      B. 1761 Rs.                      C. 1762 Rs.                      D. 1759 Rs.

46. Pipe A fills a tank in 6 hours and Pipe B fills it in 16 hours. How long will both take together?

- A. 4.36 hours                      B. 5.36 hours                      C. 3.36 hours                      D. 6.36 hours

47. What is the square of 14?

- A. 197                                      B. 198                                      C. 196                                      D. 195

48. Find the area of a rectangle whose length is 12 cm and breadth is 10 cm.

- A. 121 sq cm                                      B. 120 sq cm                                      C. 122 sq cm                                      D. 119 sq cm

49. A sum of 48 is divided in the ratio 5:7. What is the first part?

- A. 19                                      B. 20                                      C. 22                                      D. 21

50. A shopkeeper buys an article for Rs. 800 and sells it at 25% profit. What is the selling price?

- A. 1001 Rs.                                      B. 999 Rs.                                      C. 1002 Rs.                                      D. 1000 Rs.

## General Intelligence and Reasoning

51. Pointing to a woman, Ravi said, 'She is the daughter of my mother's only son.' How is the woman related to Ravi?

- A. Wife                                      B. Mother                                      C. Daughter                                      D. Sister

52. Cow is related to Calf in the same way as Dog is related to \_\_\_\_\_.

- A. Puppy                                      B. School                                      C. Water                                      D. Den

53. Find the odd one out: Red, Blue, Green, Chair.

- A. Blue                                      B. Red                                      C. Green                                      D. Chair

54. If the order of digits in 681 is reversed, what number is formed?

- A. 186                                      B. 196                                      C. 681                                      D. 816

55. A person walks 3 km east and then 10 km north. How far is he from the starting point?

- A. 9.44 km                                      B. 10.44 km                                      C. 11.44 km                                      D. 12.44 km

56. Which diagram relationship is best represented by: Animals, Dogs, Cats?

- A. Dogs and Cats are separate groups within Animals                                      B. Dogs and Cats overlap completely                                      C. Animals are within Dogs                                      D. All three are separate

57. A person walks 8 km east and then 10 km north. How far is he from the starting point?

- A. 12.81 km                                      B. 11.81 km                                      C. 14.81 km                                      D. 13.81 km

58. Find the odd one out: Iron, Copper, Silver, Wood.

- A. Wood                                      B. Copper                                      C. Silver                                      D. Iron

59. If '\*' means multiplication and '+' has its usual meaning, find  $9 * 3 + 2$ .

- A. 31                                      B. 29                                      C. 30                                      D. 28

60. A person walks 4 km east and then 8 km north. How far is he from the starting point?

- A. 10.94 km                                      B. 9.94 km                                      C. 8.94 km                                      D. 7.94 km

61. Choose the item that does not belong to the group: Kilogram, Metre, Second, Banana.

- A. Second                                      B. Banana                                      C. Kilogram                                      D. Metre

62. Statements: All roses are flowers. Some flowers are red. Which conclusion definitely follows?

- A. All flowers are roses                                      B. Some roses are red                                      C. All roses are flowers                                      D. All red things are roses

63. In a class of 50 students, Mohan ranks 5th from the top. What is his rank from the bottom?

- A. 48                                      B. 47                                      C. 46                                      D. 45

64. Find the odd one out: Apple, Mango, Banana, Potato.

- A. Banana                                      B. Mango                                      C. Potato                                      D. Apple

65. Find the next number in the series: 13, 19, 25, 31, 37, ?

- A. 45                                      B. 42                                      C. 43                                      D. 44

66. A person walks 3 km east and then 6 km north. How far is he from the starting point?

- A. 8.71 km                                      B. 5.71 km                                      C. 6.71 km                                      D. 7.71 km

67. If '\*' means multiplication and '+' has its usual meaning, find  $2 * 7 + 6$ .

- A. 20                                      B. 19                                      C. 21                                      D. 22

68. Find the odd one out: Train, Bus, Car, Mango.

- A. Bus                                      B. Car                                      C. Train                                      D. Mango

69. Find the next letter in the series: E H K N Q ?  
 A. T B. S C. U D. V
70. Find the next number in the series: 17, 19, 21, 23, 25, ?  
 A. 26 B. 27 C. 29 D. 28
71. Doctor is related to Hospital in the same way as Teacher is related to \_\_\_\_\_.  
 A. Writing B. School C. Water D. Den
72. Find the next letter in the series: J K L M N ?  
 A. N B. P C. O D. Q
73. Wheel is related to Vehicle in the same way as Key is related to \_\_\_\_\_.  
 A. Lock B. School C. Water D. Den
74. If '\*' means multiplication and '+' has its usual meaning, find  $6 * 9 + 4$ .  
 A. 58 B. 59 C. 57 D. 60
75. In a class of 50 students, Mohan ranks 10th from the top. What is his rank from the bottom?  
 A. 42 B. 40 C. 43 D. 41
76. Find the missing number:  $6 \times 6 = ?$   
 A. 35 B. 36 C. 37 D. 38
77. Bird is related to Nest in the same way as Lion is related to \_\_\_\_\_.  
 A. School B. Water C. Writing D. Den
78. Choose the item that does not belong to the group: 2, 3, 5, 9.  
 A. 5 B. 3 C. 9 D. 2
79. If '\*' means multiplication and '+' has its usual meaning, find  $4 * 2 + 14$ .  
 A. 21 B. 22 C. 24 D. 23
80. If WAGON is coded as ZDJRQ, then how will LINE be coded?  
 A. PMRI B. QNSJ C. NKPG D. OLQH

## General Awareness and Current Affairs

81. The first railway line in India ran between:  
 A. Kolkata and Howrah B. Chennai and Bengaluru C. Mumbai and Thane D. Delhi and Agra
82. Which is the longest national highway in India?  
 A. NH 27 B. NH 44 C. NH 48 D. NH 19
83. Which city hosted the 2024 Summer Olympics?  
 A. Paris B. Los Angeles C. London D. Tokyo
84. Which Indian scientist won the Nobel Prize in Physics in 1930?  
 A. C. V. Raman B. Homi Bhabha C. J. C. Bose D. Vikram Sarabhai
85. Which Indian state has the longest coastline?  
 A. Maharashtra B. Andhra Pradesh C. Gujarat D. Tamil Nadu
86. The RBI was established in:  
 A. 1950 B. 1947 C. 1920 D. 1935
87. Which state is famous for Kaziranga National Park?  
 A. Gujarat B. Assam C. West Bengal D. Madhya Pradesh
88. Which is the first biosphere reserve in India?  
 A. Nilgiri Biosphere Reserve B. Sundarbans C. Gulf of Mannar D. Nanda Devi
89. Which classical dance form belongs to Kerala?  
 A. Kathak B. Odissi C. Bharatanatyam D. Kathakali
90. The Planning Commission was replaced by:  
 A. GST Council B. Election Commission C. NITI Aayog D. Finance Commission
91. Which Indian mission studied the Sun from L1 point?  
 A. Gaganyaan B. Chandrayaan-3 C. Mangalyaan D. Aditya-L1

**92.** Which is the upper house of Parliament?

- A. Vidhan Sabha                      B. Rajya Sabha                      C. Gram Sabha                      D. Lok Sabha

**93.** Which is the capital of West Bengal?

- A. Asansol                      B. Siliguri                      C. Howrah                      D. Kolkata

**94.** Which movement was launched by Mahatma Gandhi in 1942?

- A. Civil Disobedience Movement      B. Swadeshi Movement      C. Non-Cooperation Movement      D. Quit India Movement

**95.** Which Indian city is known as the Silicon Valley of India?

- A. Chennai                      B. Pune                      C. Hyderabad                      D. Bengaluru

**96.** Which language is written in the Devanagari script?

- A. Telugu                      B. Malayalam                      C. Tamil                      D. Hindi

**97.** Which state is known as the Spice Garden of India?

- A. Punjab                      B. Assam                      C. Kerala                      D. Goa

**98.** Which city is called the Pink City of India?

- A. Bikaner                      B. Jodhpur                      C. Jaipur                      D. Udaipur

**99.** Who is called the Missile Man of India?

- A. C. V. Raman                      B. A. P. J. Abdul Kalam                      C. Vikram Sarabhai                      D. Homi Bhabha

**100.** Which is the highest dam in India?

- A. Sardar Sarovar Dam                      B. Hirakud Dam                      C. Bhakra Nangal Dam                      D. Tehri Dam

# Answer Key

Q.No	Ans	Q.No	Ans	Q.No	Ans	Q.No	Ans
1	B	26	D	51	C	76	B
2	B	27	A	52	A	77	D
3	B	28	A	53	D	78	C
4	D	29	D	54	A	79	B
5	B	30	A	55	B	80	D
6	D	31	D	56	A	81	C
7	B	32	A	57	A	82	B
8	B	33	D	58	A	83	A
9	A	34	A	59	B	84	A
10	D	35	D	60	C	85	C
11	C	36	C	61	B	86	D
12	A	37	B	62	C	87	B
13	D	38	C	63	C	88	A
14	C	39	C	64	C	89	D
15	C	40	A	65	C	90	C
16	A	41	A	66	C	91	D
17	B	42	B	67	A	92	B
18	D	43	A	68	D	93	D
19	A	44	D	69	A	94	D
20	C	45	A	70	B	95	D
21	C	46	A	71	B	96	D
22	B	47	C	72	C	97	C
23	D	48	B	73	A	98	C
24	C	49	B	74	A	99	B
25	B	50	D	75	D	100	D

Note: These questions are designed for practice and mock-test preparation. Current affairs should be updated with the latest 6 to 8 months before the actual examination.