

# Railway Group D CBT Mock Test 6

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 disease is spread by mosquitoes?

- A. Scurvy                                      B. Diabetes                                      C. Rickets                                      D. Malaria

2. Which metal is used in electric wires commonly?

- A. Lead                                      B. Copper                                      C. Zinc                                      D. Mercury

3. Which instrument is used to measure humidity?

- A. Hygrometer                                      B. Thermometer                                      C. Ammeter                                      D. Barometer

4. The process by which plants make food is called:

- A. Photosynthesis                                      B. Digestion                                      C. Transpiration                                      D. Respiration

5. Which vitamin deficiency causes rickets?

- A. Vitamin D                                      B. Vitamin K                                      C. Vitamin A                                      D. Vitamin C

6. The red colour of blood is due to:

- A. Haemoglobin                                      B. Platelets                                      C. Chlorophyll                                      D. Plasma

7. Which metal is used for galvanisation of iron?

- A. Tin                                      B. Silver                                      C. Zinc                                      D. Copper

8. The green pigment in plants is:

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

9. The atomic number of carbon is:

- A. 12                                      B. 14                                      C. 6                                      D. 8

10. Which gas is released during photosynthesis?

- A. Hydrogen                                      B. Carbon dioxide                                      C. Nitrogen                                      D. Oxygen

11. Which is the functional unit of kidney?

- A. Villus                                      B. Alveolus                                      C. Neuron                                      D. Nephron

12. Which part of the human body contains alveoli?

- A. Kidney                                      B. Heart                                      C. Lungs                                      D. Stomach

13. Which blood group is called universal donor?

- A. O negative                                      B. B negative                                      C. A positive                                      D. AB positive

14. Which planet is nearest to the Sun?

- A. Mars                                      B. Mercury                                      C. Venus                                      D. Earth

15. Which planet is known as the Red Planet?

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

16. Which part of the plant absorbs water from soil?

- A. Leaf                                      B. Flower                                      C. Root                                      D. Stem

17. Which disease is caused by iodine deficiency?

- A. Rickets                                      B. Anaemia                                      C. Scurvy                                      D. Goitre

18. The chemical formula of water is:

- A. H<sub>2</sub>O                                      B. NaCl                                      C. O<sub>2</sub>                                      D. CO<sub>2</sub>

19. Which phenomenon causes splitting of white light into colours?

- A. Reflection                                      B. Diffusion                                      C. Refraction only                                      D. Dispersion

20. Which type of energy is stored in food?

- A. Chemical energy                                      B. Electrical energy                                      C. Nuclear energy                                      D. Sound energy

21. Which element has chemical symbol Fe?

- A. Lead                                      B. Iron                                      C. Francium                                      D. Fluorine

22. Which part of a flower becomes fruit?

- A. Ovary                                      B. Sepal                                      C. Anther                                      D. Petal

23. Which gas is used by plants for photosynthesis?

- A. Nitrogen                                      B. Carbon dioxide                                      C. Oxygen                                      D. Hydrogen

24. Which gas is essential for respiration?

- A. Oxygen                                      B. Nitrogen                                      C. Carbon dioxide                                      D. Hydrogen

25. Which process changes water vapour into liquid water?

- A. Sublimation                                      B. Condensation                                      C. Evaporation                                      D. Melting

## Mathematics

26. Ravi is 25 years old now. What will be his age after 3 years?

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

27. Simplify:  $17 + 9 \times 9 - 7$ .

- A. 90                                      B. 91                                      C. 92                                      D. 93

28. Find the area of a rectangle whose length is 12 cm and breadth is 16 cm.

- A. 192 sq cm                                      B. 193 sq cm                                      C. 191 sq cm                                      D. 194 sq cm

29. Find the LCM of 21 and 28.

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

30. Simplify:  $46 + 5 \times 3 - 13$ .

- A. 48                                      B. 49                                      C. 47                                      D. 50

31. Marked price of an item is Rs. 1500. If a discount of 15% is given, what is the selling price?

- A. 1274 Rs.                                      B. 1277 Rs.                                      C. 1276 Rs.                                      D. 1275 Rs.

32. A can complete a work in 15 days and B in 60 days. In how many days can they complete it together?

- A. 12 days                                      B. 11 days                                      C. 13 days                                      D. 14 days

33. Find the volume of a cuboid of length 12 cm, breadth 5 cm and height 5 cm.

- A. 299 cu cm                                      B. 302 cu cm                                      C. 301 cu cm                                      D. 300 cu cm

34. A train travels at 72 km/h for 2 hours. What distance does it cover?

- A. 144 km                                      B. 145 km                                      C. 143 km                                      D. 146 km

35. Marked price of an item is Rs. 1000. If a discount of 25% is given, what is the selling price?

- A. 751 Rs.                                      B. 749 Rs.                                      C. 752 Rs.                                      D. 750 Rs.

36. If  $3x + 6 = 27$ , then find x.

- A. 6                                      B. 8                                      C. 9                                      D. 7

37. Pipe A fills a tank in 12 hours and Pipe B fills it in 12 hours. How long will both take together?

- A. 6 hours                                      B. 7 hours                                      C. 5 hours                                      D. 8 hours

38. If  $3x + 8 = 35$ , then find x.

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

39. Find the average of 58, 39, 55, 75, 65.

- A. 59.4                                      B. 57.4                                      C. 58.4                                      D. 60.4

40. If  $5x + 2 = 62$ , then find x.

- A. 12                                      B. 13                                      C. 14                                      D. 11

41. Find the HCF of 72 and 108.

- A. 38                                      B. 37                                      C. 36                                      D. 35

42. Simplify:  $16 + 3 \times 6 - 19$ .

- A. 16                                      B. 17                                      C. 15                                      D. 14

43. A train travels at 72 km/h for 6 hours. What distance does it cover?

- A. 431 km                                      B. 432 km                                      C. 433 km                                      D. 434 km

44. How many complete weeks are there in 49 days?

- A. 9 weeks                                      B. 8 weeks                                      C. 7 weeks                                      D. 6 weeks

45. How many complete weeks are there in 21 days?

- A. 3 weeks                                      B. 2 weeks                                      C. 5 weeks                                      D. 4 weeks

46. Find the compound interest on Rs. 1000 at 10% per annum for 2 years compounded annually.

- A. 211 Rs.                                      B. 210 Rs.                                      C. 212 Rs.                                      D. 209 Rs.

47. Find the simple interest on Rs. 2000 at 6% per annum for 5 years.
- A. 599 Rs.                                      B. 600 Rs.                                      C. 602 Rs.                                      D. 601 Rs.
48. A train of length 240 m runs at 45 km/h. How much time will it take to cross a pole?
- A. 18.2 sec                                      B. 19.2 sec                                      C. 20.2 sec                                      D. 21.2 sec
49. Find the area of a rectangle whose length is 15 cm and breadth is 12 cm.
- A. 182 sq cm                                      B. 180 sq cm                                      C. 179 sq cm                                      D. 181 sq cm
50. Find the volume of a cuboid of length 6 cm, breadth 5 cm and height 4 cm.
- A. 120 cu cm                                      B. 119 cu cm                                      C. 121 cu cm                                      D. 122 cu cm

## General Intelligence and Reasoning

51. If the order of digits in 357 is reversed, what number is formed?
- A. 357                                      B. 753                                      C. 763                                      D. 573
52. Statements: All roses are flowers. Some flowers are red. Which conclusion definitely follows?
- A. Some roses are red                                      B. All red things are roses                                      C. All roses are flowers                                      D. All flowers are roses
53. Find the next number in the series: 18, 21, 24, 27, 30, ?
- A. 33                                      B. 35                                      C. 32                                      D. 34
54. Which diagram relationship is best represented by: Animals, Dogs, Cats?
- A. Animals are within Dogs                                      B. Dogs and Cats overlap completely                                      C. All three are separate                                      D. Dogs and Cats are separate groups within Animals
55. 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. Sister                                      D. Daughter
56. Choose the item that does not belong to the group: Rose, Lotus, Lily, Tiger.
- A. Rose                                      B. Tiger                                      C. Lily                                      D. Lotus
57. Find the next number in the series: 13, 18, 23, 28, 33, ?
- A. 40                                      B. 39                                      C. 37                                      D. 38
58. If PLATE is coded as QMBUF, then how will LINE be coded?
- A. MJOF                                      B. NKPG                                      C. PMRI                                      D. OLQH
59. Choose the item that does not belong to the group: Monday, Tuesday, Friday, Table.
- A. Table                                      B. Tuesday                                      C. Friday                                      D. Monday
60. If PLATE is coded as SODWH, then how will LINE be coded?
- A. PMRI                                      B. QNSJ                                      C. NKPG                                      D. OLQH
61. In a class of 35 students, Mohan ranks 8th from the top. What is his rank from the bottom?
- A. 29                                      B. 30                                      C. 28                                      D. 27
62. If the order of digits in 579 is reversed, what number is formed?
- A. 985                                      B. 795                                      C. 579                                      D. 975
63. Wheel is related to Vehicle in the same way as Key is related to \_\_\_\_\_.
- A. School                                      B. Water                                      C. Den                                      D. Lock
64. Find the missing number:  $9 \times 10 = ?$
- A. 91                                      B. 90                                      C. 89                                      D. 92
65. Find the next number in the series: 16, 23, 30, 37, 44, ?
- A. 50                                      B. 53                                      C. 52                                      D. 51
66. Find the next number in the series: 6, 14, 22, 30, 38, ?
- A. 46                                      B. 48                                      C. 45                                      D. 47
67. Doctor is related to Hospital in the same way as Teacher is related to \_\_\_\_\_.
- A. Den                                      B. Writing                                      C. School                                      D. Water
68. A person walks 3 km east and then 4 km north. How far is he from the starting point?
- A. 4 km                                      B. 5 km                                      C. 7 km                                      D. 6 km

- 69.** A person walks 4 km east and then 10 km north. How far is he from the starting point?  
 A. 10.77 km                      B. 11.77 km                      C. 12.77 km                      D. 9.77 km
- 70.** Find the missing number:  $6 \times 7 = ?$   
 A. 41                                  B. 43                                  C. 42                                  D. 44
- 71.** In a class of 45 students, Mohan ranks 12th from the top. What is his rank from the bottom?  
 A. 36                                  B. 33                                  C. 35                                  D. 34
- 72.** Find the next letter in the series: C D E F G ?  
 A. H                                  B. G                                  C. I                                  D. J
- 73.** Find the odd one out: Red, Blue, Green, Chair.  
 A. Chair                              B. Red                              C. Green                              D. Blue
- 74.** Find the next letter in the series: A D G J M ?  
 A. Q                                  B. O                                  C. R                                  D. P
- 75.** Find the next number in the series: 3, 7, 11, 15, 19, ?  
 A. 25                                  B. 24                                  C. 22                                  D. 23
- 76.** Bird is related to Nest in the same way as Lion is related to \_\_\_\_\_.  
 A. Den                                  B. Water                              C. Writing                              D. School
- 77.** Find the odd one out: Iron, Copper, Silver, Wood.  
 A. Silver                              B. Wood                              C. Copper                              D. Iron
- 78.** A person walks 6 km east and then 6 km north. How far is he from the starting point?  
 A. 10.49 km                      B. 8.49 km                      C. 9.49 km                      D. 7.49 km
- 79.** Find the missing number:  $3 \times 7 = ?$   
 A. 20                                  B. 21                                  C. 22                                  D. 23
- 80.** Find the odd one out: Apple, Mango, Banana, Potato.  
 A. Mango                              B. Potato                              C. Apple                              D. Banana

## General Awareness and Current Affairs

- 81.** The first railway line in India ran between:  
 A. Chennai and Bengaluru                      B. Delhi and Agra                      C. Kolkata and Howrah                      D. Mumbai and Thane
- 82.** Where is the headquarters of the United Nations?  
 A. New York                              B. Paris                              C. Geneva                              D. London
- 83.** Who wrote Vande Mataram?  
 A. Rabindranath Tagore                      B. Sarojini Naidu                      C. Premchand                              D. Bankim Chandra Chatterjee
- 84.** Which is the longest written constitution in the world?  
 A. US Constitution                      B. UK Constitution                      C. Constitution of India                      D. French Constitution
- 85.** Who was the first Indian woman to win an Olympic medal?  
 A. P. V. Sindhu                              B. Karnam Malleswari                      C. Saina Nehwal                              D. Mary Kom
- 86.** The RBI was established in:  
 A. 1935                                  B. 1947                                  C. 1950                                  D. 1920
- 87.** Who founded the Indian National Congress in 1885?  
 A. A. O. Hume                              B. Gopal Krishna Gokhale                      C. Dadabhai Naoroji                      D. Mahatma Gandhi
- 88.** Gir National Park is famous for:  
 A. Elephants                              B. Tigers                              C. One-horned rhinoceros                      D. Asiatic lions
- 89.** Which city hosted the 2024 Summer Olympics?  
 A. Tokyo                                  B. Los Angeles                      C. Paris                                  D. London
- 90.** Which city hosted the 2010 Commonwealth Games?  
 A. Bengaluru                              B. Delhi                                  C. Mumbai                              D. Hyderabad
- 91.** Which is the upper house of Parliament?  
 A. Vidhan Sabha                      B. Lok Sabha                      C. Rajya Sabha                      D. Gram Sabha

**92.** Which festival is known as the festival of lights?

- A. Holi                                      B. Eid                                      C. Pongal                                      D. Diwali

**93.** Which railway zone has headquarters at Mumbai CSMT?

- A. Northern Railway                      B. Central Railway                      C. Eastern Railway                      D. Southern Railway

**94.** Which is the largest ocean?

- A. Indian Ocean                              B. Atlantic Ocean                              C. Pacific Ocean                              D. Arctic Ocean

**95.** Which is the lower house of Parliament?

- A. Rajya Sabha                              B. Vidhan Parishad                              C. Lok Sabha                              D. Supreme Court

**96.** Which bank is known as the central bank of India?

- A. State Bank of India                      B. NABARD                                      C. Reserve Bank of India                      D. Punjab National Bank

**97.** Which railway zone has headquarters at Kolkata?

- A. Central Railway                              B. Eastern Railway                              C. Northern Railway                              D. Western Railway

**98.** The headquarters of the Indian Railways is in:

- A. Kolkata                                      B. Chennai                                      C. New Delhi                                      D. Mumbai

**99.** Which is the capital of Telangana?

- A. Hyderabad                                      B. Warangal                                      C. Visakhapatnam                                      D. Vijayawada

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

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

# Answer Key

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

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.