

REASONING PRACTICE SET — 7

For SSC | Bank | Railway | Post Office | and All Govt. Exams

Total Questions: 50 | Time: 50 Minutes | Marks: 50 | Subject: Reasoning

Instructions: Each question carries 1 mark. Choose the correct option from A, B, C, D. No negative marking.

[Analogy]

1. Cow : Calf :: Horse : ?

- A) Pony
- B) Foal
- C) Fawn
- D) Cub

2. Thermometer : Temperature :: Barometer : ?

- A) Humidity
- B) Wind
- C) Pressure
- D) Rainfall

3. CGKO : DHLP :: BFJN : ?

- A) CGKO
- B) CGJN
- C) CGKN
- D) CGJK

[Odd One Out]

4. Find the odd one out: Whale, Shark, Dolphin, Seal, Crocodile

- A) Whale
- B) Shark
- C) Dolphin
- D) Seal

5. Find the odd one out: 18, 28, 40, 54, 70, 88, 104

- A) 54
- B) 70
- C) 104
- D) 88

[Number Series]

6. Find the missing number: 2, 5, 11, 23, 47, ?

- A) 89
- B) 94
- C) 95
- D) 96

7. Find the missing number: 120, 60, 40, 30, 24, ?

- A) 18
- B) 20
- C) 22
- D) 16

8. Find the missing number: 6, 13, 27, 55, 111, ?

- A) 220
- B) 222
- C) 223

D) 224

9. Find the missing number: 17, 19, 23, 29, 31, 37, ?

- A) 39
- B) 41
- C) 43
- D) 47

[Letter Series]

10. Find the next term: AB, EF, IJ, MN, ?

- A) QR
- B) OP
- C) PQ
- D) RS

[Coding - Decoding]

11. If MARKET is coded as NBSLFM, how is PROFIT coded?

- A) QSPGJU
- B) QRPJGU
- C) QSPFJU
- D) QSOGJU

12. In a certain code language, '123' means 'bright little star', '321' means 'star is bright', '132' means 'bright star shines'. What is the code for 'little'?

- A) 1
- B) 2
- C) 3
- D) Cannot be determined

13. If $ZIP = 26+9+16 = 51$, then $JAM = ?$

- A) 22
- B) 24
- C) 23
- D) 21

[Blood Relations]

14. Pointing to a girl, Mohan said, "She is the daughter of the only child of my father." How is the girl related to Mohan?

- A) Niece
- B) Cousin
- C) Daughter
- D) Sister

15. A is B's brother. C is A's mother. D is C's father. E is B's son. How is D related to E?

- A) Grandfather
- B) Great Grandfather
- C) Uncle
- D) Father

16. If 'P \$ Q' means P is the father of Q, 'P @ Q' means P is the mother of Q, 'P # Q' means P is the brother of Q, then in 'A @ B \$ C # D', how is A related to D?

- A) Grandmother
- B) Aunt
- C) Mother
- D) Sister

[Direction Sense]

17. Two persons start from the same point. One goes 5 km north and then 3 km east. The other goes 3 km west and then 5 km south. What is the distance between them?

- A) 8 km
- B) 10 km
- C) 12 km
- D) 6 km

18. Kiran starts walking towards the sun in the morning. After some time she turns right, then turns right again. In which direction is she walking now?

- A) West
- B) North
- C) South
- D) East

19. A is to the south of B. C is to the east of B. D is to the north of C. Which direction is A with respect to D?

- A) South-West
- B) North-East
- C) South-East
- D) North-West

[Ranking & Order]

20. In a class, Sita is 10th from the top and 20th from the bottom. How many students are in the class?

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

21. Five people A, B, C, D, E are standing in a line. B is between D and E. A is to the left of E. D is to the right of C. Who is at the extreme right?

- A) B
- B) E
- C) D
- D) A

[Syllogism]

22. Statements: All trains are buses. Some buses are cars. Conclusion I: Some trains are cars. Conclusion II: Some cars are buses. Which follows?

- A) Only I
- B) Only II
- C) Both I and II
- D) Neither

23. Statements: All fruits are vegetables. No vegetable is a mineral. Conclusion I: No fruit is a mineral. Conclusion II: All vegetables are fruits. Which follows?

- A) Only I
- B) Only II
- C) Both
- D) Neither

24. Statements: Some clouds are rains. All rains are floods. Conclusion I: Some clouds are floods. Conclusion II: All floods are rains. Which follows?

- A) Only I
- B) Only II
- C) Both
- D) Neither

[Puzzle & Logical Arrangement]

25. Six children A, B, C, D, E, F are sitting in a row. C is between A and E. B is to the right of E but left of D. F is to the right of D. Who is second from the left?

- A) A
- B) C
- C) E
- D) B

26. A box contains 5 red, 4 blue and 3 green balls. What is the minimum number of balls to be drawn (without looking) to be sure of getting at least 2 balls of the same colour?

- A) 3
- B) 4
- C) 5
- D) 6

[Clock & Calendar]

27. A clock gains 5 minutes every hour. If it is set correctly at 8:00 AM, what time will it show at 8:00 PM of the same day?

- A) 9:00 PM
- B) 9:30 PM
- C) 9:10 PM
- D) 8:50 PM

28. On what dates does March have a Friday in 2025 if March 1 is a Saturday?

- A) 6, 13, 20, 27
- B) 7, 14, 21, 28
- C) 5, 12, 19, 26
- D) 8, 15, 22, 29

[Statement & Assumption]

29. Statement: "Warning: Smoking is injurious to health." Assumption I: People ignore health warnings. Assumption II: Smoking causes harm to health.

- A) Only I implicit
- B) Only II implicit
- C) Both implicit
- D) Neither implicit

[Venn Diagram]

30. In a class of 60, 30 play cricket, 20 play football, 10 play both. How many play neither?

- A) 15
- B) 20
- C) 25
- D) 30

[Mirror Image]

31. What will be the mirror image of the time 10:10 shown on a clock?

- A) 1:50
- B) 2:50
- C) 1:40
- D) 2:40

[Sitting Arrangement]

32. P, Q, R, S, T, U sit in a row facing north. Q is 3rd from the left. P is next to Q on the right. T is between S and U. S is at the extreme right. R is at the extreme left. Who is 4th from the right?

- A) P
- B) Q
- C) T
- D) U

[Number Analogy]

33. 7 : 343 :: 5 : ?

- A) 75
- B) 125
- C) 100
- D) 150

34. 49 : 81 :: 169 : ?

- A) 196
- B) 225
- C) 256
- D) 289

[Coding - Decoding (Advanced)]

35. In a code, CLOUD = 3-12-15-21-4 and RAIN = 18-1-9-14. What is the code for STORM?

- A) 19-20-15-18-13
- B) 20-19-15-13-18
- C) 19-15-20-18-13
- D) 18-20-15-19-13

[Statement & Conclusion]

36. Statement: Many city roads are flooded during the rainy season due to poor drainage.

Conclusion I: The city drainage system needs to be improved. Conclusion II: Rains should be controlled artificially.

- A) Only I follows
- B) Only II follows
- C) Both follow
- D) Neither follows

[Logical Sequence]

37. Arrange in logical sequence: 1. Brick 2. Clay 3. House 4. Room 5. Wall

- A) 2,1,5,4,3
- B) 1,2,5,4,3
- C) 2,5,1,4,3
- D) 2,1,4,5,3

38. Arrange in logical order: 1. Newspaper 2. Forest 3. Trees 4. Pulp 5. Paper

- A) 3,2,4,5,1
- B) 2,3,4,5,1
- C) 3,4,2,5,1
- D) 2,4,3,5,1

[Input - Output / Machine Coding]

39. In a number arrangement machine, input: 8 3 5 1 9 4 7 2 6. Step 1: Odd numbers are arranged in ascending order first, then even numbers in ascending order. What will be the 5th element after Step 1?

- A) 9
- B) 2
- C) 7
- D) 4

[Cube & Dice]

40. A cube is painted red on all faces and then cut into 64 equal smaller cubes. How many smaller cubes have exactly 2 faces painted?

- A) 24
- B) 16

- C) 20
- D) 12

[Non-Verbal Reasoning]

41. A circular piece of paper is folded in half, then in half again, and then once more. A hole is punched at the folded corner. How many holes appear when unfolded?

- A) 4
- B) 6
- C) 8
- D) 3

[Missing Number in Matrix]

42. Find the missing number: | 4 | 9 | 36 || 5 | 11 | 55 || 6 | 13 | ? |

- A) 72
- B) 78
- C) 80
- D) 84

[Alpha - Numeric Series]

43. If PENCIL is coded by reversing the alphabet positions (A=26, B=25 ... Z=1), what is the value of PEN?

- A) 37
- B) 39
- C) 41
- D) 43

[Word Formation]

44. From the word 'INFRASTRUCTURE', how many independent meaningful words can be formed using only the letters I, N, T, R, A (each used once)?

- A) 1
- B) 2
- C) 3
- D) 4

[Data Sufficiency]

45. What is the age of Ramesh? I: Ramesh is 5 years younger than his brother. II: Ramesh's brother will be 30 years old after 5 years.

- A) Only I sufficient
- B) Only II sufficient
- C) Both I and II together sufficient
- D) Either I or II alone sufficient

[Seating Arrangement (Double Row)]

46. Eight friends sit in two rows of 4 each, facing each other. A, B, C, D face south; E, F, G, H face north. B is between A and C. F faces B. G is to the right of F. H faces D. Who faces C?

- A) E
- B) F
- C) G
- D) H

[Number Series (Find the Wrong Term)]

47. Find the wrong term: 4, 9, 20, 43, 90, 183, 368

- A) 20
- B) 43
- C) 183

D) 368

[Mathematical Operations]

48. If '©' means '+', '€' means '-', '£' means '×', '¥' means '÷', then: $(16 \text{ £ } 4) \text{ © } (25 \text{ ¥ } 5) \text{ € } (3 \text{ £ } 2) = ?$

- A) 63
- B) 65
- C) 67
- D) 61

[Coded Inequality]

49. Expressions: $A > B = C \geq D > E$. Which of the following is definitely true?

- A) $A > E$
- B) $A = D$
- C) $B > E$
- D) Both A and C

[Critical Reasoning]

50. Statement: "The number of cyber crimes in India has doubled in the past two years." Which of the following can be the most likely cause?

- A) Increase in use of smartphones and internet
- B) Decline in number of police personnel
- C) Decrease in literacy rate
- D) Improvement in road infrastructure

ANSWER KEY

Reasoning Practice Set — 7

1-B	2-C	3-A	4-B	5-C
6-C	7-B	8-C	9-B	10-A
11-A	12-B	13-C	14-C	15-B
16-A	17-B	18-A	19-A	20-B
21-B	22-B	23-A	24-A	25-B
26-B	27-A	28-B	29-B	30-B
31-A	32-B	33-B	34-B	35-A
36-A	37-A	38-B	39-B	40-A
41-C	42-B	43-B	44-C	45-C
46-C	47-D	48-B	49-D	50-A

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