

REASONING PRACTICE SET — 10

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. Glacier : Ice :: Desert : ?

- A) Heat
- B) Sand
- C) Cactus
- D) Drought

2. Knife : Surgeon :: Brush : ?

- A) Canvas
- B) Artist
- C) Paint
- D) Colour

3. QOMK : RPNL :: ZXVT : ?

- A) YWUS
- B) AYWS
- C) YWUR
- D) XWUS

[Odd One Out]

4. Find the odd one out: Tulip, Rose, Lotus, Jasmine, Mango

- A) Tulip
- B) Rose
- C) Mango
- D) Jasmine

5. Find the odd one out: 17, 23, 37, 49, 53, 59

- A) 17
- B) 49
- C) 37
- D) 53

[Number Series]

6. Find the missing number: 3, 4, 8, 17, 33, ?

- A) 54
- B) 58
- C) 60
- D) 62

7. Find the missing number: 11, 13, 17, 19, 23, 29, ?

- A) 31
- B) 33
- C) 37
- D) 41

8. Find the missing number: 2, 3, 10, 15, 26, 35, ?

- A) 48
- B) 50
- C) 52

D) 54

9. Find the missing number: 512, 256, 128, 64, 32, ?

- A) 8
- B) 12
- C) 16
- D) 20

[Letter Series]

10. Find the next term: AZ, CX, EV, GT, ?

- A) IR
- B) IS
- C) HR
- D) IQ

[Coding - Decoding]

11. If GLOBE is coded as HMPCF, how is EARTH coded?

- A) FBSUI
- B) FCSTJ
- C) FBSUJ
- D) FBTUI

12. In a code language: 'flowers bloom bright' = 'ka la ma', 'bright colours fade' = 'ma na pa', 'flowers never fade' = 'ka pa qa'. What is the code for 'bloom'?

- A) ka
- B) la
- C) ma
- D) na

13. If VICTORY = $22+9+3+20+15+18+25 = 112$, then DEFEAT = ?

- A) 38
- B) 40
- C) 42
- D) 44

[Blood Relations]

14. A woman says, "The person in this photo is the only son of the father of my father's only daughter." Who is in the photo?

- A) Her uncle
- B) Her father
- C) Her brother
- D) Herself

15. P is the mother of Q. R is the father of P. S is the brother of P. T is the daughter of Q. How is T related to R?

- A) Granddaughter
- B) Great Granddaughter
- C) Niece
- D) Daughter

16. If 'A ♦ B' means A is the son of B, 'A ♣ B' means A is the wife of B, 'A ♥ B' means A is the daughter of B, then in 'P ♣ Q ♦ R ♥ S', how is P related to S?

- A) Daughter-in-law
- B) Granddaughter-in-law
- C) Sister-in-law
- D) Mother-in-law

[Direction Sense]

17. Shreya walks 6 km west, then turns right and walks 4 km, turns right and walks 12 km, then turns left and walks 2 km. How far and in which direction is she from the starting point?

- A) 8 km East
- B) 6 km North
- C) 8 km North-East
- D) 6 km East

18. A man is facing south-west. He turns 135 degrees anticlockwise. Which direction is he now facing?

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

19. P is 40 m south-east of Q. R is 40 m north-east of Q. In which direction is R with respect to P?

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

[Ranking & Order]

20. In a row of 45 students facing north, Suresh is 14th from the left end. Mahesh is 10th to the right of Suresh. What is Mahesh's position from the right end?

- A) 21st
- B) 22nd
- C) 23rd
- D) 24th

21. Six people P, Q, R, S, T, U have different heights. R is taller than only T. S is shorter than Q but taller than P. U is taller than Q. Who is the 3rd tallest?

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

[Syllogism]

22. Statements: All tigers are lions. Some lions are cheetahs. Conclusion I: Some tigers are cheetahs. Conclusion II: Some cheetahs are lions. Which follows?

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

23. Statements: No glass is plastic. All plastics are rubber. Conclusion I: No glass is rubber. Conclusion II: Some rubbers are not glass. Which follows?

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

24. Statements: All keys are locks. All locks are doors. Conclusion I: All keys are doors. Conclusion II: Some doors are keys. Which follows?

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

[Puzzle & Logical Arrangement]

25. Seven boxes are stacked one above the other. Box F is above box C but below box A. Box G is just above box A. Box B is just below box C. Box E is between G and D (D is at the top). Box B is not at the bottom. Which box is at the bottom?

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

26. A, B, C, D, E five friends each like a different sport: Cricket, Football, Badminton, Tennis, Hockey. A likes Cricket or Tennis. B does not like Football. C likes Badminton. D likes Football. Who likes Tennis?

- A) A
- B) B
- C) E
- D) Cannot be determined

[Clock & Calendar]

27. At what time between 7 and 8 o'clock will the hands of a clock be in the same straight line but not together?

- A) 7:05 5/11 min
- B) 7:54 6/11 min
- C) 7:43 7/11 min
- D) 7:38 2/11 min

28. What will be the day of the week on 15th August 2025?

- A) Thursday
- B) Friday
- C) Saturday
- D) Sunday

[Statement & Assumption]

29. Statement: "Switch off lights when not in use to conserve electricity." Assumption I: Electricity consumption can be reduced by individual effort. Assumption II: Lights consume more electricity than other appliances.

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

[Venn Diagram]

30. Out of 80 students, 45 passed in Hindi, 48 passed in English, and 10 failed in both. How many passed in both subjects?

- A) 13
- B) 20
- C) 23
- D) 25

[Mirror Image]

31. A clock reads 4:45. What time does its mirror image show?

- A) 7:15
- B) 8:15
- C) 7:45
- D) 8:45

[Sitting Arrangement (Circular)]

32. Eight people A, B, C, D, E, F, G, H sit in a circle facing the centre. B is 2nd to the right of H. C is 3rd to the left of B. D is 2nd to the right of C. A is between H and D. G is between B and E. F is to the immediate left of H. Who is to the immediate right of C?

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

[Number Analogy]

33. 12 : 156 :: 14 : ?

- A) 196
- B) 200
- C) 210
- D) 182

34. 625 : 25 :: 1296 : ?

- A) 34
- B) 36
- C) 38
- D) 40

[Coding - Decoding (Advanced)]

35. In a code language, if MANGO = 13+1+14+7+15 = 50 and APPLE = 1+16+16+12+5 = 50, then GRAPE = ?

- A) 47
- B) 48
- C) 50
- D) 52

[Statement & Conclusion]

36. Statement: Most accidents on highways are caused by overspeeding. Conclusion I: Speed limits should be strictly enforced on highways. Conclusion II: All highway accidents are due to overspeeding.

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

[Logical Sequence]

37. Arrange in logical sequence: 1. Caterpillar 2. Egg 3. Butterfly 4. Pupa 5. Larva

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

38. Arrange in logical order: 1. Receipt 2. Order 3. Delivery 4. Payment 5. Dispatch

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

[Input - Output / Machine Coding]

39. Input: 'mango 56 apple 23 banana 78 cherry 11' Step 1: Words arranged in alphabetical order and numbers in ascending order alternately. What is the 4th element in Step 1?

- A) cherry
- B) 56
- C) banana

D) 23

[Cube & Dice]

40. A cube of side 3 cm is painted red on all faces and then cut into 27 small cubes. How many small cubes have exactly 3 faces painted red?

- A) 4
- B) 6
- C) 8
- D) 12

[Non-Verbal Reasoning]

41. A square paper is folded vertically, then horizontally, then diagonally. A cut is made at the middle of the diagonal fold. How many pieces will there be when the paper is fully unfolded?

- A) 4
- B) 6
- C) 8
- D) 10

[Missing Number in Matrix]

42. Find the missing number: | 7 | 8 | 56 || 9 | 6 | 54 || 11 | 7 | ? |

- A) 70
- B) 74
- C) 77
- D) 82

[Alpha - Numeric Series]

43. If BANK = $2+1+14+11 = 28$ and LOAN = $12+15+1+14 = 42$, what is FUND?

- A) 38
- B) 40
- C) 42
- D) 44

[Word Formation]

44. From the letters of the word 'OPERATION', which of the following words CANNOT be formed?

- A) RATION
- B) PTION
- C) NATION
- D) RATIO

[Data Sufficiency]

45. Is the number N a prime number? I: N is an odd number less than 20. II: N is not divisible by 3 or 7.

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

[Seating Arrangement (Linear)]

46. Six teachers A, B, C, D, E, F sit in a row. C and D are neighbours. A and B are neighbours. D and E are not neighbours. F is not at the extreme ends. A is to the left of B. If D sits at one extreme end, who sits at the other extreme end?

- A) A
- B) B
- C) C

D) E

[Number Series (Find the Wrong Term)]

47. Find the wrong term: 2, 5, 14, 41, 122, 365, 1094

- A) 14
- B) 41
- C) 122
- D) 1094

[Mathematical Operations]

48. If 'M' means '+', 'N' means '-', 'O' means 'x', 'P' means '÷', then: (20 O 4) P (16 P 4) M (6 N 2) = ?

- A) 19
- B) 21
- C) 23
- D) 24

[Coded Inequality]

49. Statements: $J \geq K = L > M$; $N < L$. Conclusions: I: $J > M$ II: $N < K$ III: $J \geq N$ Which conclusions follow?

- A) Only I and II
- B) Only I and III
- C) Only II and III
- D) All I, II and III

[Critical Reasoning]

50. Argument: "Online education should replace traditional classroom learning." Which of the following, if true, most weakens this argument?

- A) Online platforms offer a wide variety of courses
- B) Many students lack access to reliable internet and devices
- C) Teachers can record lectures for repeated viewing
- D) Online education reduces travel time for students

ANSWER KEY

Reasoning Practice Set — 10

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