

## REASONING PRACTICE SET — 2

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. Book : Library :: Painting : ?

- A) Museum
- B) Artist
- C) Canvas
- D) Gallery

2. Doctor : Hospital :: Teacher : ?

- A) School
- B) Student
- C) Book
- D) Knowledge

3. ACEG : BDFH :: PRTV : ?

- A) QSUV
- B) OQSU
- C) QSTU
- D) RTVX

### [ Odd One Out ]

4. Which is the odd one out? A) Mars B) Moon C) Jupiter D) Saturn

- A) Mars
- B) Moon
- C) Jupiter
- D) Saturn

5. Find the odd one out: 121, 144, 169, 196, 224

- A) 121
- B) 169
- C) 224
- D) 196

### [ Series ]

6. Find the missing number: 2, 6, 12, 20, 30, ?

- A) 40
- B) 42
- C) 44
- D) 46

7. Find the next term: B, D, G, K, P, ?

- A) U
- B) V
- C) W
- D) X

8. What comes next in the series? 3, 9, 27, 81, ?

- A) 162
- B) 243

- C) 324
- D) 216

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

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

### [ Coding - Decoding ]

10. If SUGAR is coded as TVHBS, then MANGO is coded as?

- A) NBOIP
- B) NBOHP
- C) NCOIP
- D) NBNHP

11. In a certain code, CALM is written as DBNM. How is GATE written in that code?

- A) HBUF
- B) HAUF
- C) HBUE
- D) IBUF

12. If PAINT is coded as 74128 and EXCEL is coded as 93596, what is the code for NIECE?

- A) 28959
- B) 28595
- C) 29895
- D) 28559

### [ Blood Relations ]

13. A is B's sister. C is B's mother. D is C's father. E is D's mother. How is A related to D?

- A) Grandmother
- B) Granddaughter
- C) Daughter
- D) Grand-niece

14. Pointing to a photograph, Ravi said, "She is the daughter of my grandfather's only son." How is the girl in the photograph related to Ravi?

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

15. If P is the brother of Q, Q is the sister of R, and R is the father of S, then how is P related to S?

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

### [ Direction Sense ]

16. Ram walks 10 km north, then turns right and walks 5 km, then turns right and walks 10 km. In which direction is he from his starting point?

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

17. A person starts from point A, walks 4 km east, then 3 km north. What is the shortest distance from A to his current position?

- A) 5 km
- B) 7 km
- C) 6 km
- D) 4 km

**18. Facing south, Seema turns right and walks 20 m, then turns right again and walks 10 m. Which direction is she now facing?**

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

### [ Ranking & Order ]

**19. In a class of 40 students, Ravi's rank is 15th from the top. What is his rank from the bottom?**

- A) 25
- B) 26
- C) 27
- D) 24

**20. Five friends A, B, C, D, and E are sitting in a row. B is to the right of A. C is to the right of B. D is to the left of A. Who is sitting in the middle?**

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

### [ Syllogism ]

**21. Statements: All cats are dogs. All dogs are horses. Conclusion I: All cats are horses. Conclusion II: All horses are cats. Which conclusion(s) follow?**

- A) Only I follows
- B) Only II follows
- C) Both I and II follow
- D) Neither I nor II follows

**22. Statements: Some pens are books. All books are chairs. Conclusion I: Some pens are chairs. Conclusion II: All pens are chairs. Which conclusion(s) follow?**

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

**23. Statements: No flowers are trees. All trees are plants. Conclusion I: No flowers are plants. Conclusion II: Some plants are trees. Which conclusion(s) follow?**

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

### [ Puzzle & Arrangement ]

**24. Six people P, Q, R, S, T, U sit in a circle facing the centre. Q is to the immediate right of P. T is between S and U. R is to the immediate left of U. Who is to the immediate left of P?**

- A) S
- B) T
- C) R
- D) U

**25. If the day before yesterday was Thursday, what day will it be the day after tomorrow?**

- A) Monday
- B) Tuesday
- C) Sunday
- D) Saturday

### [ Mathematical Reasoning ]

26. A clock shows 3:15. What is the angle between the hour and minute hands?

- A)  $0^\circ$
- B)  $7.5^\circ$
- C)  $15^\circ$
- D)  $22.5^\circ$

27. How many times does a clock's hands overlap between 12 noon and 12 midnight?

- A) 11
- B) 12
- C) 10
- D) 13

### [ Statement & Assumption / Conclusion ]

28. Statement: "Use stairs instead of lifts to keep fit." Which assumption is implicit? I: People generally are unfit. II: Using stairs makes one healthy.

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

### [ Venn Diagram ]

29. In a class of 100 students, 70 like cricket and 60 like football. How many like both, if every student likes at least one sport?

- A) 30
- B) 20
- C) 40
- D) 10

### [ Mirror Image ]

30. If a mirror is placed on the right side of the word 'BOLD', what will be its mirror image?

- A) DLOB
- B) BOLD
- C) dloB
- D) bOLD

### [ Sitting Arrangement ]

31. A, B, C, D, E are seated in a straight row facing north. C is second to the right of A. B is to the immediate right of C. D is to the immediate left of A. Who is at the extreme right?

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

### [ Number Analogy ]

32.  $16 : 256 :: 17 : ?$

- A) 289
- B) 294
- C) 296
- D) 278

33. 7 : 56 :: 9 : ?

- A) 90
- B) 81
- C) 72
- D) 63

[ Letter Series ]

34. AZ, BY, CX, DW, ?

- A) EU
- B) EV
- C) FV
- D) EW

[ Coding - Decoding (Advanced) ]

35. If FLOWER is coded as GMPXFS, how is GARDEN coded?

- A) HBSEFP
- B) HBSEFO
- C) HCSEFO
- D) HBSFFO

[ Statement & Conclusion ]

36. Statement: All students who study hard pass the exam. Conclusion: If Arjun passed the exam, he studied hard. Is the conclusion valid?

- A) Yes, the conclusion follows
- B) No, it does not follow
- C) Partially follows
- D) Data insufficient

[ Logical Sequence ]

37. Arrange in logical sequence: 1. Seed 2. Fruit 3. Plant 4. Flower 5. Tree

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

38. Arrange in logical order: 1. Paragraph 2. Letter 3. Word 4. Sentence 5. Chapter

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

[ Calendar ]

39. If 1st January 2023 was Sunday, what was the day on 1st January 2024?

- A) Sunday
- B) Monday
- C) Tuesday
- D) Wednesday

[ Input - Output / Language Coding ]

40. In a certain language: 'cat dog rat' means 'pets are good', 'dog is fast' means 'speed is good', 'rat runs fast' means 'pets run speed'. What does 'cat' mean?

- A) good
- B) are
- C) pets
- D) speed

### [ Cube & Dice ]

41. A die is thrown. The face opposite to 1 shows 6, face opposite to 2 shows 5. If 3 is at the top, which number is at the bottom?

- A) 2
- B) 5
- C) 4
- D) 6

### [ Non-Verbal Reasoning ]

42. A square paper is folded diagonally and a circular hole is punched at the centre. How many holes will appear when unfolded?

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

### [ Missing Number in Matrix ]

43. Find the missing number: | 2 | 4 | 8 | | 3 | 9 | 27 | | 4 | 16 | ? |

- A) 48
- B) 64
- C) 32
- D) 56

### [ Alpha - Numeric Series ]

44. If A=1, B=2 ... Z=26, what is the value of LOGIC?

- A) 54
- B) 58
- C) 52
- D) 50

### [ Word Formation ]

45. How many meaningful words can be formed using letters E, A, R, T only once?

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

### [ Data Coding / Language Coding ]

46. If in a code language, 123 means 'hot filtered coffee', 356 means 'very hot day', and 589 means 'day and night', then what is the code for 'coffee'?

- A) 1
- B) 2
- C) 3
- D) 6

### [ Data Sufficiency ]

47. What is Suman's age? I: Suman is 5 years older than Priya. II: Priya is 20 years old. To answer the question, which statements are sufficient?

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

### [ Seating Arrangement ]

48. Six persons are sitting in a row. Kumar is between Mohan and Kiran. Ravi is between Deepa and Gita. Mohan is at one end. Deepa is Mohan's neighbour. Who is in the middle of the row?

- A) Kumar and Deepa
- B) Kumar and Ravi
- C) Kiran and Deepa
- D) Mohan and Kiran

**[ Number Series (Find the Wrong Term) ]**

49. Find the wrong term in the series: 1, 4, 9, 16, 24, 36

- A) 4
- B) 16
- C) 24
- D) 36

**[ Critical Reasoning ]**

50. All roses are flowers. Some flowers fade quickly. Which conclusion is valid?

- A) All roses fade quickly
- B) Some roses fade quickly
- C) No roses fade quickly
- D) None of the above conclusions is definite

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**ANSWER KEY**

*Reasoning Practice Set — 2*

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

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