

## REASONING PRACTICE SET — 6

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. Oar : Boat :: Pedal : ?

- A) Road
- B) Bicycle
- C) Engine
- D) Wheel

2. Canvas : Painter :: Stage : ?

- A) Director
- B) Script
- C) Actor
- D) Audience

3. LNPR : MOQS :: TVXZ : ?

- A) UWYA
- B) SUWY
- C) UWYZ
- D) VXZB

### [ Odd One Out ]

4. Find the odd one out: Violin, Guitar, Flute, Sitar, Veena

- A) Violin
- B) Guitar
- C) Flute
- D) Sitar

5. Find the odd one out: 16, 25, 36, 48, 64, 81

- A) 25
- B) 36
- C) 48
- D) 64

### [ Number Series ]

6. Find the missing number: 6, 11, 21, 36, 56, ?

- A) 81
- B) 78
- C) 91
- D) 82

7. Find the missing number: 4, 8, 24, 96, 480, ?

- A) 1920
- B) 2880
- C) 2400
- D) 1440

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

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

D) 35

9. Find the missing number: 1, 8, 27, 64, 125, ?

- A) 196
- B) 216
- C) 225
- D) 256

### [ Letter Series ]

10. Find the next term: C, F, I, L, O, ?

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

### [ Coding - Decoding ]

11. If ORANGE is coded as PRBOHI, how is GRAPES coded?

- A) HSBQFT
- B) HSAQFT
- C) HTBQFT
- D) HSBPFT

12. If 'TABLE' =  $20+1+2+12+5 = 40$ , then 'CHAIR' = ?

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

13. In a certain code, PLANT is written as TPALN. How is STONE written in that code?

- A) EONTS
- B) SNOTE
- C) ETOSN
- D) ETSNO

### [ Blood Relations ]

14. Looking at a portrait, Suman said, "His mother is the wife of my father's son. I have no brothers or sisters." Who is in the portrait?

- A) Suman's uncle
- B) Suman's cousin
- C) Suman's son
- D) Suman himself

15. Introducing Priya, Rahul said, "She is the daughter of the only son of my grandfather." How is Priya related to Rahul?

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

16. A + B means A is the father of B. A - B means A is the sister of B. A \* B means A is the mother of B. A / B means A is the brother of B. If P + Q \* R, then how is P related to R?

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

### [ Direction Sense ]

17. Reena goes 5 km east, then turns left and goes 3 km, then turns left and goes 5 km, then turns right and goes 2 km. How far is she from the starting point?

- A) 3 km
- B) 5 km
- C) 4 km
- D) 2 km

**18. If you are facing north-east and turn 135 degrees clockwise, which direction are you facing?**

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

**19. A person walks 4 km north, turns right and walks 3 km, turns right and walks 4 km, turns right and walks 3 km. Where is he now with respect to his starting point?**

- A) 3 km east
- B) At starting point
- C) 3 km west
- D) 4 km north

### [ Ranking & Order ]

**20. In a queue, Mohan is 15th from the front and 20th from the back. How many people are in the queue?**

- A) 33
- B) 34
- C) 35
- D) 36

**21. Among P, Q, R, S and T, each has a different weight. R is heavier than P but lighter than T. S is heavier than Q. T is lighter than S. Who is the heaviest?**

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

### [ Syllogism ]

**22. Statements: All dogs are animals. All animals have hearts. Conclusion I: All dogs have hearts. Conclusion II: Some animals are dogs. Which follows?**

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

**23. Statements: No pen is a pencil. Some pencils are erasers. Conclusion I: No pen is an eraser. Conclusion II: Some erasers are not pens. Which follows?**

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

**24. Statements: All windows are doors. Some doors are walls. Conclusion I: Some windows are walls. Conclusion II: All doors are windows. Which follows?**

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

### [ Puzzle & Logical Arrangement ]

**25. A, B, C, D are four friends. A is shorter than B. C is taller than D. B is shorter than C. Who is the shortest?**

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

**26. Five books are stacked on a shelf: History, Science, Maths, English, Hindi. Science is just above Maths. English is just below Hindi. History is at the top. Maths is between Science and English. What is at the bottom?**

- A) English
- B) Maths
- C) Science
- D) Hindi

### [ Clock & Calendar ]

**27. How many times in a day do the hands of a clock form a right angle?**

- A) 24
- B) 44
- C) 48
- D) 22

**28. If today is Tuesday, what day will it be 100 days from now?**

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

### [ Statement & Assumption ]

**29. Statement: "Carry an umbrella whenever you go out." Assumption I: It may rain. Assumption II: Umbrellas are always useful.**

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

### [ Venn Diagram ]

**30. In a group of 70 people, 45 speak Hindi, 35 speak English and 20 speak both. How many speak neither?**

- A) 5
- B) 10
- C) 15
- D) 20

### [ Mirror Image ]

**31. If the word REASONING is written in a mirror, which letter appears at the 4th position from the right?**

- A) O
- B) N
- C) S
- D) A

### [ Sitting Arrangement (Circular) ]

**32. Eight people A, B, C, D, E, F, G, H sit in a circle facing the centre. B is second to the left of F. A is third to the right of B. C is between E and G. H is to the immediate left of G. D is opposite F. Who is to the immediate right of D?**

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

D) H

**[ Number Analogy ]**

33. **6 : 216 :: 4 : ?**

- A) 64
- B) 16
- C) 48
- D) 32

34. **15 : 225 :: 18 : ?**

- A) 324
- B) 316
- C) 296
- D) 312

**[ Coding - Decoding (Advanced) ]**

35. If **STRONG** = 135219714, then **BRAND** = ?

- A) 218114
- B) 219144
- C) 218141
- D) 291814

**[ Statement & Conclusion ]**

36. **Statement:** The number of road accidents has increased in the past year despite stricter traffic rules. **Conclusion I:** Stricter traffic rules are ineffective. **Conclusion II:** Drivers are becoming more reckless.

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

**[ Logical Sequence ]**

37. **Arrange in logical sequence:** 1. Cooking 2. Purchasing vegetables 3. Cutting vegetables 4. Washing vegetables 5. Serving food

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

38. **Arrange in logical order:** 1. Floods 2. Heavy rains 3. Clouds 4. Crops destroyed 5. Evaporation

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

**[ Input - Output / Machine Coding ]**

39. A machine input is: 'cat 5 dog 3 hen 8 rat 1'. After one step, numbers are arranged in ascending order with the words following them. What is the second element after step 1?

- A) cat
- B) rat
- C) 1
- D) dog

**[ Cube & Dice ]**

40. A dice has the following: 1 is opposite 4, 2 is opposite 5, 3 is opposite 6. When 1 is on top and 2 faces you, which number is on the right?

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

### [ Non-Verbal Reasoning ]

41. A triangular piece of paper is folded along its median and a cut is made at the folded edge. How many pieces will there be when the paper is unfolded?

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

### [ Missing Number in Matrix ]

42. Find the missing number: | 5 | 10 | 50 || 6 | 12 | 72 || 7 | 14 | ? |

- A) 84
- B) 96
- C) 98
- D) 102

### [ Alpha - Numeric Series ]

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

- A) 41
- B) 43
- C) 44
- D) 45

### [ Word Formation ]

44. Which meaningful word can be formed using the 1st, 3rd, 5th, 7th, and 9th letters of the word UMBERLAND?

- A) UMBEL
- B) UREAL
- C) ULNAR
- D) LMBER

### [ Data Sufficiency ]

45. What is the distance between cities A and B? I: City C is 50 km from A. II: City C is 30 km from B.

- A) Only I sufficient
- B) Only II sufficient
- C) Both I and II sufficient
- D) Data insufficient even with both

### [ Seating Arrangement (Linear) ]

46. Five boys are sitting in a row. Ravi is to the left of Suresh but to the right of Gopal. Anil is to the right of Suresh. Naresh is between Suresh and Anil. Who is sitting in the middle?

- A) Ravi
- B) Suresh
- C) Naresh
- D) Gopal

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

47. Find the wrong term: 3, 6, 12, 24, 46, 96

- A) 6
- B) 24

- C) 46
- D) 96

**[ Mathematical Operations ]**

48. If '-' means '\*', '\*' means '+', '+' means '/', '/' means '-', find the value of:  $20 - 5 * 10 + 2 / 3 = ?$
- A) 102
  - B) 105
  - C) 107
  - D) 100

**[ Coded Inequality ]**

49. In a code: M © N means  $M \geq N$ ; M % N means  $M \leq N$ ; M @ N means  $M = N$ ; M \$ N means  $M > N$ ; M # N means  $M < N$ . If A \$ B © C % D, which is definitely true?
- A)  $A > D$
  - B)  $A > C$
  - C)  $B \geq C$
  - D)  $D \geq B$

**[ Critical Reasoning ]**

50. Argument: "Banning junk food in school canteens will improve students' health." Which of the following, if true, most strengthens the argument?
- A) Students eat junk food at home too
  - B) Studies show students eat what is available at school during breaks
  - C) Some junk food has nutritional value
  - D) School canteen food is expensive

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**ANSWER KEY**

Reasoning Practice Set — 6

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

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