

REASONING PRACTICE SET — 3

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. Pen : Write :: Knife : ?

- A) Metal
- B) Cut
- C) Sharp
- D) Cook

2. Eye : See :: Ear : ?

- A) Nose
- B) Smell
- C) Hear
- D) Touch

3. BDFH : ACEG :: JLNP : ?

- A) IKMO
- B) KMOP
- C) ILNP
- D) IKLM

[Odd One Out]

4. Find the odd one out: Copper, Iron, Brass, Zinc

- A) Copper
- B) Iron
- C) Brass
- D) Zinc

5. Find the odd one out: 36, 49, 64, 81, 100, 112

- A) 81
- B) 100
- C) 112
- D) 64

[Number Series]

6. Find the missing number: 1, 1, 2, 3, 5, 8, 13, ?

- A) 18
- B) 21
- C) 20
- D) 24

7. Find the missing number: 100, 96, 88, 76, 60, ?

- A) 38
- B) 40
- C) 36
- D) 44

8. What comes next? 2, 3, 5, 7, 11, 13, ?

- A) 15
- B) 17
- C) 19

D) 21

9. Find the missing number: 144, 121, 100, 81, ?

- A) 64
- B) 49
- C) 56
- D) 72

[Letter Series]

10. Find the next term: Z, X, V, T, R, ?

- A) O
- B) P
- C) Q
- D) N

[Coding - Decoding]

11. If RAIN is coded as SBJO, then HAIL is coded as?

- A) IBJM
- B) IAJM
- C) IBJN
- D) HCJM

12. If SCHOOL is coded as TDIPPM, how is TIGER coded?

- A) UJHFS
- B) UJGFS
- C) UJHFT
- D) UIGFS

13. In a code language, 'sky is blue' = 4 7 3, 'blue ocean deep' = 3 9 1, 'deep is clear' = 1 7 6. What is the code for 'sky'?

- A) 4
- B) 7
- C) 3
- D) 6

[Blood Relations]

14. Pointing to a man, a woman said, "His mother is the only daughter of my mother." How is the woman related to the man?

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

15. X is the father of Y. Y is the sister of Z. Z is the mother of W. How is X related to W?

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

16. A said to B, "The girl playing guitar is the younger of the two daughters of the wife of my father's only son." How is the girl related to A?

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

[Direction Sense]

17. Starting from home, John walks 6 km south, then 8 km east. How far is he from home?

- A) 14 km

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

18. A man walks 5 km east, turns left, walks 3 km, then turns left again and walks 5 km. In which direction is he now from his starting point?

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

19. If South-East becomes East, North-West becomes West, then what does South become?

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

[Ranking & Order]

20. In a class of 50 students, Priya ranks 20th from the top. What is her rank from the bottom?

- A) 31
- B) 30
- C) 32
- D) 29

21. Seven people stand in a queue. Rohan is 3rd from front and 5th from behind. How many people are in the queue?

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

[Syllogism]

22. Statements: All birds can fly. Penguins are birds. Conclusion I: Penguins can fly. Conclusion II: Some birds are penguins. Which follows?

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

23. Statements: No stone is gold. All gold is silver. Conclusion I: No stone is silver. Conclusion II: Some silver is gold. Which follows?

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

24. Statements: All men are mortal. Ram is a man. Conclusion I: Ram is mortal. Conclusion II: All mortals are men. Which follows?

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

[Puzzle & Logical Arrangement]

25. If yesterday was Wednesday, what day will it be the day after tomorrow?

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

26. Five boxes P, Q, R, S, T are stacked. P is above Q. T is below S. R is between Q and T. S is at the top. Which is at the bottom?

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

[Clock & Calendar]

27. What is the angle between the hands of a clock at 6:30?

- A) 0°
- B) 15°
- C) 10°
- D) 5°

28. If 15 March 2020 was Sunday, what day was 15 March 2021?

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

[Statement & Assumption]

29. Statement: "Eat healthy to live long." Assumption I: Healthy food is easily available. Assumption II: Long life depends on food habits.

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

[Venn Diagram]

30. In an exam, 60 students passed in Maths, 50 in Science. 20 passed in both. How many passed in at least one subject?

- A) 90
- B) 80
- C) 85
- D) 70

[Mirror Image]

31. If a mirror is placed on the left of the number '3896', what will be its mirror image?

- A) 6983
- B) 9683
- C) 6893
- D) 3698

[Sitting Arrangement (Circular)]

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

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

[Number Analogy]

33. $5 : 30 :: 8 : ?$

- A) 72
- B) 65
- C) 48

D) 56

34. 4 : 64 :: 5 : ?

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

[Coding - Decoding (Advanced)]

35. If WATER = 67894 and FIRE = 2194, what is the code for RATE?

- A) 4984
- B) 4894
- C) 9484
- D) 4948

[Statement & Conclusion]

36. Statement: Regular exercise improves health. Conclusion: People who are healthy exercise regularly.

- A) Conclusion follows
- B) Conclusion does not follow
- C) Partially follows
- D) Data insufficient

[Logical Sequence]

37. Arrange in logical sequence: 1. Rain 2. Cloud 3. Thunder 4. Flood 5. Lightning

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

38. Arrange in logical order: 1. Nation 2. Village 3. District 4. State 5. Town

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

[Input - Output / Language Coding]

39. In a code: 'apple mango grape' = 'P Q R', 'mango banana kiwi' = 'Q S T', 'kiwi orange apple' = 'T U P'. What is the code for 'banana'?

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

[Cube & Dice]

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

- A) 1
- B) 6
- C) 4
- D) 5

[Non-Verbal Reasoning]

41. A square paper is folded twice (once horizontally, once vertically) and a hole is punched at the corner. How many holes will appear when unfolded?

- A) 1
- B) 2

- C) 3
- D) 4

[Missing Number in Matrix]

42. Find the missing number: | 3 | 6 | 18 || 4 | 8 | 32 || 5 | 10 | ? |
- A) 45
 - B) 50
 - C) 55
 - D) 40

[Alpha - Numeric Series]

43. If A=2, B=4, C=6... (each letter = 2x position), what is the value of FACE?
- A) 44
 - B) 40
 - C) 42
 - D) 48

[Word Formation]

44. Which word CANNOT be formed from the letters of 'CONSTITUTIONAL'?
- A) NOTION
 - B) STATION
 - C) COASTAL
 - D) NATIONAL

[Data Sufficiency]

45. What is the value of X? I: $X + Y = 30$ II: $Y = 12$
- A) Only I sufficient
 - B) Only II sufficient
 - C) Both I and II together sufficient
 - D) Either alone sufficient

[Seating Arrangement (Linear)]

46. A, B, C, D, E sit in a row facing north. C sits to the right of B. A sits to the left of B. D is not next to E. E is at one end. Who sits in the middle?
- A) A
 - B) B
 - C) C
 - D) D

[Number Series (Find the Wrong Term)]

47. Find the wrong term: 2, 5, 10, 17, 26, 37, 50, 64
- A) 37
 - B) 50
 - C) 64
 - D) 26

[Mathematical Operations]

48. If '+' means 'x', 'x' means '÷', '÷' means '-', '-' means '+', then: $12 + 6 \times 3 \div 2 - 4 = ?$
- A) 22
 - B) 24
 - C) 26
 - D) 20

[Coded Inequality]

49. If $A > B$, $B \geq C$, $C = D$, $D < E$, then which is definitely true?

- A) $A > E$
- B) $A > D$
- C) $E > B$
- D) $D > B$

[Critical Reasoning]

50. Statement: "Some students who study hard do not score well in exams." Which of the following conclusions can be drawn?

- A) Hard study always leads to good scores
- B) Scoring well in exams depends only on hard study
- C) Factors other than hard study also affect scores
- D) Students who do not study hard always score well

ANSWER KEY

Reasoning Practice Set — 3

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

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