

# POLYNOTESHUB

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## GENERAL INTELLIGENCE & REASONING PRACTICE SET — SET 9

For SSC CGL · CHSL · MTS · CPO · Bank PO · Clerk · RRB NTPC · Group D · Post Office · All Govt  
Exams

**Total Questions: 50** | **Type: MCQ (4 Options)** | **Sections: A to L**

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### SECTION INDEX

- Section A: Analogies
- Section B: Coding-Decoding
- Section C: Blood Relations
- Section D: Direction Sense
- Section E: Number & Letter Series
- Section F: Syllogisms
- Section G: Seating Arrangement
- Section H: Classification / Odd One Out
- Section I: Statement & Conclusions
- Section J: Mathematical Reasoning & Puzzles
- Section K: Ranking & Order
- Section L: Input-Output / Machine Coding

## **INSTRUCTIONS**

1. This practice set contains 50 Multiple Choice Questions (MCQs).
2. Each question has four options: (A), (B), (C), and (D).
3. Only one option is correct for each question.
4. Answer Key is provided at the end of the question paper.
5. Topics covered are as per the latest syllabus of SSC, Bank, Railways, Post Office and other Government Exams.
6. Attempt all questions. There is no negative marking in this practice set.
7. This set is prepared by [www.polynotesHub.co.in](http://www.polynotesHub.co.in) for educational purposes.

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- Q1. [Analogies]** Mountain : Hill :: Ocean : ?  
 (A) River (B) Lake  
 (C) Pond (D) Stream
- Q2. [Analogies]** Telescope : Astronomer :: Stethoscope : ?  
 (A) Nurse (B) Engineer  
 (C) Doctor (D) Scientist
- Q3. [Analogies]** ABCD : DCBA :: MNOP : ?  
 (A) PONM (B) NOPM  
 (C) PNOM (D) OPNM
- Q4. [Coding-Decoding]** If 'ROSE' is coded as 'URTG', how is 'LILY' coded?  
 (A) NKOB (B) OLN A  
 (C) OKOB (D) NKON
- Q5. [Coding-Decoding]** In a code, if WATER = 25, FIRE = 16, then AIR = ?  
 (A) 9 (B) 18  
 (C) 15 (D) 24
- Q6. [Coding-Decoding]** If ORANGE is coded as FQBOHF (each letter replaced by the next), what is the code for BANANA?  
 (A) CBOBOB (B) CCOCOC  
 (C) CBOBOB (D) CBOBOB
- Q7. [Blood Relations]** Rahul said, 'This girl is the wife of the grandson of my mother.' Who is Rahul to the girl?  
 (A) Father-in-law (B) Grandfather-in-law  
 (C) Father (D) Uncle
- Q8. [Blood Relations]** If A + B means A is the father of B, A – B means A is the sister of B, A × B means A is the brother of B, then what does P + R – Q mean?  
 (A) P is uncle of Q (B) P is father of Q's sister  
 (C) P is grandfather of Q (D) Q is niece of P
- Q9. [Blood Relations]** Deepa is the daughter-in-law of Suresh and sister-in-law of Ramesh. Anil is the son of Suresh and only brother of Ramesh. How is Deepa related to Anil?  
 (A) Sister (B) Aunt  
 (C) Wife (D) Daughter
- Q10. [Direction Sense]** Arjun walks 3 km North, then 4 km West, then 3 km South. How far and in which direction is he from start?  
 (A) 4 km East (B) 4 km West  
 (C) 3 km West (D) 7 km West
- Q11. [Direction Sense]** A man facing North-West turns 90° clockwise. Which direction is he facing now?  
 (A) South-West (B) North-East  
 (C) South-East (D) East
- Q12. [Direction Sense]** Sunita starts from her home, walks 2 km East, then 2 km North, then 2 km East again. How far is she from her home?  
 (A) 6 km (B)  $2\sqrt{5}$  km  
 (C) 4 km (D)  $2\sqrt{10}$  km

**Q13. [Number & Letter Series]** Find the missing term: 0, 3, 8, 15, 24, 35, ?

- (A) 46 (B) 48  
(C) 50 (D) 52

**Q14. [Number & Letter Series]** Find the missing term: 5, 11, 23, 47, 95, ?

- (A) 189 (B) 190  
(C) 191 (D) 192

**Q15. [Number & Letter Series]** Complete the series: A, E, I, M, Q, ?

- (A) T (B) U  
(C) V (D) W

**Q16. [Number & Letter Series]** Find the next number: 100, 95, 85, 70, 50, ?

- (A) 20 (B) 25  
(C) 30 (D) 35

**Q17. [Number & Letter Series]** Find the wrong term in: 2, 5, 10, 17, 26, 37, 50, 64

- (A) 37 (B) 50  
(C) 64 (D) 26

**Q18. [Syllogisms]** Statements: All stars are planets. No planet is a moon. Conclusions: I. No star is a moon. II. Some moons are stars.

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

**Q19. [Syllogisms]** Statements: Some apples are oranges. All oranges are grapes. Conclusions: I. Some apples are grapes. II. All grapes are apples.

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

**Q20. [Syllogisms]** Statements: All roads are highways. Some highways are expressways. Conclusion: Some roads are expressways.

- (A) True (B) False  
(C) Uncertain (D) Partially true

**Q21. [Seating Arrangement]** A, B, C, D, E sit in a row. A is to the left of B. C is to the right of B. D is to the left of A. E is at the extreme right. Find the middle person.

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

**Q22. [Seating Arrangement]** Six people P, Q, R, S, T, U sit around a circle facing the center. P is opposite Q. R is between P and S. T is to the immediate right of Q. Who is opposite R?

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

**Q23. [Seating Arrangement]** In a row of 8 people, Geeta is 3rd from left and Seeta is 5th from right. How many people sit between them?

- (A) 0 (B) 1  
(C) 2 (D) 3

**Q24. [Classification / Odd One Out]** Find the odd one out: Mercury, Venus, Earth, Moon, Mars

- (A) Earth (B) Moon  
(C) Mars (D) Venus

- Q25. [Classification / Odd One Out]** Find the odd one out: 144, 169, 196, 225, 250  
(A) 169 (B) 196  
(C) 225 (D) 250
- Q26. [Classification / Odd One Out]** Find the odd one out: Hammer, Plier, Screw, Spanner, Chisel  
(A) Screw (B) Hammer  
(C) Plier (D) Chisel
- Q27. [Classification / Odd One Out]** Find the odd one out: ACFJ, BDGK, CEHL, DFIM, EGJN  
(A) ACFJ (B) BDGK  
(C) DFIM (D) EGJN
- Q28. [Statement & Conclusions]** Statement: 'Regular exercise keeps the body fit and mind sharp.'  
Conclusion: 'People who do not exercise are unfit and dull.'  
(A) Conclusion follows (B) Conclusion does not follow  
(C) Data insufficient (D) Ambiguous
- Q29. [Statement & Conclusions]** Statement: 'Prices of vegetables have gone up by 30% this month.'  
Conclusions: I. People will eat less vegetables. II. Farmers will benefit.  
(A) Only I follows (B) Only II follows  
(C) Both follow (D) Neither follows
- Q30. [Statement & Conclusions]** Statement: 'Hard work is the key to success.'  
Conclusions: I. Lazy people never succeed. II. Success requires effort.  
(A) Only I follows (B) Only II follows  
(C) Both follow (D) Neither follows
- Q31. [Mathematical Reasoning & Puzzles]** If  $3 \# 5 = 34$ ,  $4 \# 6 = 52$ , then  $5 \# 7 = ?$   
(A) 70 (B) 72  
(C) 74 (D) 76
- Q32. [Mathematical Reasoning & Puzzles]** The minute hand of a clock gains over the hour hand at the rate of  $5.5^\circ$  per minute. At what time between 4 and 5 o'clock are they together?  
(A) 4:21 approx (B) 4:22 approx  
(C) 4:20 approx (D) 4:18 approx
- Q33. [Mathematical Reasoning & Puzzles]** In a class, Pooja ranks 8th from the top and 28th from the bottom. How many students are in the class?  
(A) 34 (B) 35  
(C) 36 (D) 37
- Q34. [Mathematical Reasoning & Puzzles]** A cube is painted red on all faces and then cut into 64 equal small cubes. How many small cubes have no face painted?  
(A) 8 (B) 16  
(C) 24 (D) 32
- Q35. [Mathematical Reasoning & Puzzles]** If 15th August 2023 was a Tuesday, what day was 15th August 2024?  
(A) Wednesday (B) Thursday  
(C) Friday (D) Saturday
- Q36. [Mathematical Reasoning & Puzzles]** Three bells ring at intervals of 12, 15 and 20 minutes. They all ring together at 8:00 AM. When will they next ring together?

- (A) 9:00 AM (B) 9:30 AM  
(C) 10:00 AM (D) 8:60 AM

**Q37. [Ranking & Order]** In an examination, Ritu scored more than Sita but less than Uma. Priya scored more than Uma. Meena scored less than Sita. Who scored the highest?

- (A) Uma (B) Priya  
(C) Ritu (D) Sita

**Q38. [Ranking & Order]** Varun is 11th from the left and 19th from the right in a row. How many people are in the row?

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

**Q39. [Ranking & Order]** Among six books A, B, C, D, E, F arranged by price:  $A > B$ ,  $C > D$ ,  $E > F$ ,  $C > A$ ,  $B > E$ . Who has the lowest priced book?

- (A) E (B) F  
(C) D (D) B

**Q40. [Input-Output / Machine Coding]** Input: 32 64 16 8 128 4. Step 1: Numbers arranged in descending order. Step 2: Each number divided by 2. What is the 3rd number in Step 2?

- (A) 16 (B) 8  
(C) 32 (D) 4

**Q41. [Input-Output / Machine Coding]** A word machine works: Step 1 reverses the word, Step 2 capitalises every alternate letter. Input: 'study'. What is the output after Step 1?

- (A) yduts (B) YDUTS  
(C) yDuTs (D) YdUtS

**Q42. [Analogies]** Cobbler : Shoe :: Blacksmith : ?

- (A) Coal (B) Iron  
(C) Fire (D) Anvil

**Q43. [Number & Letter Series]** Complete the series: 3, 6, 11, 18, 27, 38, ?

- (A) 49 (B) 50  
(C) 51 (D) 52

**Q44. [Direction Sense]** At 7 AM, the shadow of a pole falls towards the West. In which direction is the person standing facing the pole?

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

**Q45. [Classification / Odd One Out]** Find the odd one out: Cobra, Viper, Python, Krait, Gecko

- (A) Python (B) Gecko  
(C) Viper (D) Cobra

**Q46. [Coding-Decoding]** In a code language, COMPUTER = RFUVQNPC. How is PRINTER coded?

- (A) QSJOUFS (B) SFUOJSQ  
(C) QSJOUFS (D) SFUOSJQ

**Q47. [Syllogisms]** Statements: Some chairs are tables. All tables are wooden. Conclusions: I. Some chairs are wooden. II. All wooden things are tables.

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

**Q48. [Ranking & Order]** Five students got different marks. Arun got more than Bina but less than Chetan. Dinesh got less than Bina. Esha got more than Chetan. Who got the second highest marks?

- (A) Arun (B) Bina  
(C) Chetan (D) Esha

**Q49. [Mathematical Reasoning & Puzzles]** How many times does the digit 3 appear in numbers from 1 to 100?

- (A) 10 (B) 11  
(C) 19 (D) 20

**Q50. [Blood Relations]** Pointing to a photograph, a man said, 'She is the daughter of the only son of my grandmother.' How is the girl in the photograph related to the man?

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

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## **ANSWER KEY — SET 9**

*General Intelligence & Reasoning Practice Set*

**Q1: B Q2: C Q3: A Q4: A Q5: A Q6: A Q7: B Q8: B Q9: C Q10: B**  
**Q11: B Q12: D Q13: B Q14: C Q15: B Q16: B Q17: C Q18: A Q19: A Q20: C**  
**Q21: B Q22: B Q23: A Q24: B Q25: D Q26: A Q27: D Q28: B Q29: D Q30: B**  
**Q31: C Q32: B Q33: B Q34: A Q35: B Q36: A Q37: B Q38: B Q39: B Q40: A**  
**Q41: A Q42: B Q43: C Q44: A Q45: B Q46: A Q47: A Q48: C Q49: D Q50: A**

### **DETAILED ANSWER KEY**

- Q1.** Correct Answer: **(B)** Lake  
**Q2.** Correct Answer: **(C)** Doctor  
**Q3.** Correct Answer: **(A)** PONM  
**Q4.** Correct Answer: **(A)** NKOB  
**Q5.** Correct Answer: **(A)** 9  
**Q6.** Correct Answer: **(A)** CBOBOB  
**Q7.** Correct Answer: **(B)** Grandfather-in-law  
**Q8.** Correct Answer: **(B)** P is father of Q's sister  
**Q9.** Correct Answer: **(C)** Wife  
**Q10.** Correct Answer: **(B)** 4 km West  
**Q11.** Correct Answer: **(B)** North-East  
**Q12.** Correct Answer: **(D)**  $2\sqrt{10}$  km  
**Q13.** Correct Answer: **(B)** 48  
**Q14.** Correct Answer: **(C)** 191  
**Q15.** Correct Answer: **(B)** U  
**Q16.** Correct Answer: **(B)** 25  
**Q17.** Correct Answer: **(C)** 64  
**Q18.** Correct Answer: **(A)** Only I follows  
**Q19.** Correct Answer: **(A)** Only I follows  
**Q20.** Correct Answer: **(C)** Uncertain  
**Q21.** Correct Answer: **(B)** B  
**Q22.** Correct Answer: **(B)** U  
**Q23.** Correct Answer: **(A)** 0  
**Q24.** Correct Answer: **(B)** Moon  
**Q25.** Correct Answer: **(D)** 250  
**Q26.** Correct Answer: **(A)** Screw  
**Q27.** Correct Answer: **(D)** EGJN  
**Q28.** Correct Answer: **(B)** Conclusion does not follow  
**Q29.** Correct Answer: **(D)** Neither follows  
**Q30.** Correct Answer: **(B)** Only II follows  
**Q31.** Correct Answer: **(C)** 74  
**Q32.** Correct Answer: **(B)** 4:22 approx  
**Q33.** Correct Answer: **(B)** 35  
**Q34.** Correct Answer: **(A)** 8  
**Q35.** Correct Answer: **(B)** Thursday  
**Q36.** Correct Answer: **(A)** 9:00 AM  
**Q37.** Correct Answer: **(B)** Priya

- Q38. Correct Answer: **(B)** 29  
Q39. Correct Answer: **(B)** F  
Q40. Correct Answer: **(A)** 16  
Q41. Correct Answer: **(A)** yduts  
Q42. Correct Answer: **(B)** Iron  
Q43. Correct Answer: **(C)** 51  
Q44. Correct Answer: **(A)** East  
Q45. Correct Answer: **(B)** Gecko  
Q46. Correct Answer: **(A)** QSJOUFS  
Q47. Correct Answer: **(A)** Only I follows  
Q48. Correct Answer: **(C)** Chetan  
Q49. Correct Answer: **(D)** 20  
Q50. Correct Answer: **(A)** Sister

— End of Practice Set 9 —

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