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## GENERAL INTELLIGENCE & REASONING PRACTICE SET — SET 1

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]** Doctor : Hospital :: Teacher : ?

- (A) Classroom (B) School  
(C) Student (D) Book

**Q2. [Analogies]** Eye : See :: Ear : ?

- (A) Smell (B) Taste  
(C) Hear (D) Touch

**Q3. [Analogies]** ACEG : BDFH :: IKMO : ?

- (A) JLNP (B) HLNP  
(C) JLMP (D) KLNP

**Q4. [Coding-Decoding]** In a certain code, 'MANGO' is written as 'NBOQH'. How is 'GRAPE' written in that code?

- (A) HSBQF (B) GSBQF  
(C) HRBQF (D) HSAQF

**Q5. [Coding-Decoding]** If ROAD is coded as 6821 and BOOK is coded as 3994, how is BARK coded?

- (A) 3186 (B) 3816  
(C) 3168 (D) 8316

**Q6. [Coding-Decoding]** In a code language, if 'FISH' is written as 'EHRG', how is 'BIRD' written?

- (A) AHQC (B) CHQC  
(C) AHRC (D) BIQC

**Q7. [Blood Relations]** 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) Mother  
(C) Sister (D) Aunt

**Q8. [Blood Relations]** A is the brother of B. B is the sister of C. C is the father of D. How is A related to D?

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

**Q9. [Blood Relations]** Introducing a girl, Ramesh said, 'She is the only daughter of the mother of my brother's daughter.' How is the girl related to Ramesh?

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

**Q10. [Direction Sense]** Ravi walks 5 km North, then turns right and walks 3 km, then turns right and walks 5 km. In which direction is he from his starting point?

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

**Q11. [Direction Sense]** A person starts from a point, walks 4 km South, then 3 km East, then 4 km North. How far is he from the starting point?

- (A) 4 km (B) 3 km  
(C) 5 km (D) 7 km

**Q12. [Direction Sense]** If South-East becomes North, then North-East becomes ?

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

- Q13. [Number & Letter Series]** Find the missing term: 2, 6, 12, 20, 30, ?  
(A) 40 (B) 42  
(C) 44 (D) 46
- Q14. [Number & Letter Series]** Find the missing term: 3, 7, 15, 31, 63, ?  
(A) 121 (B) 127  
(C) 125 (D) 129
- Q15. [Number & Letter Series]** Find the missing term in the series: B, D, G, K, P, ?  
(A) V (B) U  
(C) T (D) W
- Q16. [Number & Letter Series]** Find the next term: 1, 4, 9, 16, 25, ?  
(A) 34 (B) 36  
(C) 35 (D) 30
- Q17. [Number & Letter Series]** Find the wrong term: 5, 10, 40, 80, 320, 640, 2560  
(A) 640 (B) 80  
(C) 40 (D) 320
- Q18. [Syllogisms]** Statements: All dogs are cats. All cats are animals. Conclusion: All dogs are animals.  
(A) Conclusion follows (B) Conclusion does not follow  
(C) Data insufficient (D) None
- Q19. [Syllogisms]** Statements: Some pens are books. All books are pencils. Conclusions: I. Some pens are pencils. II. All pencils are pens.  
(A) Only I follows (B) Only II follows  
(C) Both follow (D) Neither follows
- Q20. [Syllogisms]** Statements: No table is a chair. All chairs are sofas. Conclusion: No table is a sofa.  
(A) True (B) False  
(C) Uncertain (D) Partially true
- Q21. [Seating Arrangement]** Six persons A, B, C, D, E, F are sitting in a row facing North. B sits third from the right end. A sits to the immediate right of B. C sits to the immediate left of B. Who sits at the extreme right?  
(A) A (B) D  
(C) E (D) F
- Q22. [Seating Arrangement]** Five friends P, Q, R, S, T are sitting in a circle facing the center. Q is to the immediate right of P. R is second to the right of Q. S is not adjacent to P. Who is to the immediate left of P?  
(A) R (B) T  
(C) S (D) Q
- Q23. [Seating Arrangement]** Seven people A–G sit in a row. A is 3rd from left. B is next to A on right. C is to the immediate left of A. D is at one extreme. Who is 4th from the right?  
(A) B (B) C  
(C) A (D) G
- Q24. [Classification / Odd One Out]** Find the odd one out: Square, Circle, Rectangle, Triangle, Cube  
(A) Circle (B) Square  
(C) Cube (D) Triangle

- Q25. [Classification / Odd One Out]** Find the odd one out: Rose, Lotus, Lily, Jasmine, Mango  
(A) Rose (B) Mango  
(C) Lotus (D) Jasmine
- Q26. [Classification / Odd One Out]** Find the odd one out: 8, 27, 64, 100, 125  
(A) 27 (B) 64  
(C) 100 (D) 125
- Q27. [Classification / Odd One Out]** Find the odd one out: BDFH, CEGI, PRTV, LMNO  
(A) BDFH (B) CEGI  
(C) LMNO (D) PRTV
- Q28. [Statement & Conclusions]** Statement: 'Walking for 30 minutes daily can reduce the risk of heart disease.' Conclusion: 'All people who walk 30 minutes daily will never get heart disease.'  
(A) Conclusion follows (B) Conclusion does not follow  
(C) Data insufficient (D) Ambiguous
- Q29. [Statement & Conclusions]** Statement: 'Most students who study regularly score well.' Conclusion I: 'Some regular students score well.' Conclusion II: 'All students who score well study regularly.'  
(A) Only I follows (B) Only II follows  
(C) Both follow (D) Neither follows
- Q30. [Statement & Conclusions]** Statement: 'Government has decided to reduce income tax.'  
Conclusions: I. People will have more disposable income. II. The government revenue will increase.  
(A) Only I follows (B) Only II follows  
(C) Both follow (D) Neither follows
- Q31. [Mathematical Reasoning & Puzzles]** If  $5 * 3 = 28$ ,  $9 * 4 = 52$ , then  $7 * 6 = ?$   
(A) 78 (B) 82  
(C) 76 (D) 80
- Q32. [Mathematical Reasoning & Puzzles]** A clock shows 3:15. What is the angle between the hour and minute hands?  
(A)  $7.5^\circ$  (B)  $0^\circ$   
(C)  $15^\circ$  (D)  $22.5^\circ$
- Q33. [Mathematical Reasoning & Puzzles]** In a row of boys, Anil is 15th from the left and Sunil is 20th from the right. They interchange positions; Anil becomes 25th from the left. How many boys are in the row?  
(A) 44 (B) 45  
(C) 43 (D) 46
- Q34. [Mathematical Reasoning & Puzzles]** How many triangles are there in a triangle divided into 4 equal parts by joining midpoints?  
(A) 4 (B) 5  
(C) 6 (D) 8
- Q35. [Mathematical Reasoning & Puzzles]** If  $1 = 3$ ,  $2 = 5$ ,  $3 = 7$ ,  $4 = 9$ , then  $10 = ?$   
(A) 20 (B) 21  
(C) 22 (D) 19
- Q36. [Mathematical Reasoning & Puzzles]** A number when divided by 3 gives remainder 2, and when divided by 5 gives remainder 3. Which of the following is that number?  
(A) 23 (B) 17

(C) 11

(D) 8

**Q37. [Ranking & Order]** In a class of 40 students, Riya is ranked 15th from the top. What is her rank from the bottom?

(A) 26

(B) 25

(C) 27

(D) 24

**Q38. [Ranking & Order]** Five boys are standing in a line. Amit is taller than Raj but shorter than Arjun. Suresh is shorter than only Arjun. Pawan is shorter than Raj. Who is the second tallest?

(A) Amit

(B) Raj

(C) Suresh

(D) Arjun

**Q39. [Ranking & Order]** In a queue, Mohan is 8th from the front and 5th from the back. How many people are in the queue?

(A) 12

(B) 13

(C) 11

(D) 14

**Q40. [Input-Output / Machine Coding]** A machine rearranges: Input: 'cat bat hat sat fat'. Step 1: 'bat cat hat sat fat'. Step 2: 'bat cat fat hat sat'. What would be Step 3?

(A) bat cat fat hat sat

(B) bat cat fat sat hat

(C) bat cat fat hat sat

(D) Same as Step 2

**Q41. [Input-Output / Machine Coding]** If 'CLOCK' is output as 'FORFN', 'TRAIN' is output as 'WUDLQ', what is the rule applied?

(A) +2 shift

(B) +3 shift

(C) -2 shift

(D) -3 shift

**Q42. [Analogies]** Pen : Write :: Knife : ?

(A) Cook

(B) Metal

(C) Cut

(D) Blade

**Q43. [Number & Letter Series]** Complete the series: AZ, BY, CX, DW, ?

(A) EV

(B) EU

(C) FV

(D) EW

**Q44. [Direction Sense]** Ram walks 10 m East, then 10 m North, then 10 m West. In which direction is Ram from the starting point?

(A) North-East

(B) North-West

(C) North

(D) West

**Q45. [Classification / Odd One Out]** Find the odd one out: January, March, May, June, July

(A) January

(B) June

(C) May

(D) March

**Q46. [Coding-Decoding]** In a code, PENCIL is coded as OFMDLK. What is the code for ERASER?

(A) DQZTDQ

(B) FSBSFS

(C) DQBRDQ

(D) FQZSFS

**Q47. [Syllogisms]** Statements: All mobiles are phones. Some phones are tablets. Conclusions: I. Some mobiles are tablets. II. Some tablets are phones.

(A) Only I follows

(B) Only II follows

(C) Both follow

(D) Neither follows

**Q48. [Ranking & Order]** If  $P > Q$ ,  $Q > R$ ,  $R > S$ , then who is the smallest?

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

**Q49. [Mathematical Reasoning & Puzzles]** The day after tomorrow of yesterday is Monday. What is today?

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

**Q50. [Blood Relations]** X is Y's sister. Y is Z's wife. Z is W's son. How is X related to W?

- (A) Daughter-in-law (B) Sister-in-law  
(C) Niece (D) Daughter

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**ANSWER KEY — SET 1***General Intelligence & Reasoning Practice Set*

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

**DETAILED ANSWER KEY**

- Q1. Correct Answer: (B) School  
Q2. Correct Answer: (C) Hear  
Q3. Correct Answer: (A) JLNP  
Q4. Correct Answer: (A) HSBQF  
Q5. Correct Answer: (A) 3186  
Q6. Correct Answer: (A) AHQC  
Q7. Correct Answer: (B) Mother  
Q8. Correct Answer: (A) Uncle  
Q9. Correct Answer: (C) Niece  
Q10. Correct Answer: (C) East  
Q11. Correct Answer: (B) 3 km  
Q12. Correct Answer: (A) West  
Q13. Correct Answer: (B) 42  
Q14. Correct Answer: (B) 127  
Q15. Correct Answer: (A) V  
Q16. Correct Answer: (B) 36  
Q17. Correct Answer: (B) 80  
Q18. Correct Answer: (A) Conclusion follows  
Q19. Correct Answer: (A) Only I follows  
Q20. Correct Answer: (B) False  
Q21. Correct Answer: (A) A  
Q22. Correct Answer: (C) S  
Q23. Correct Answer: (C) A  
Q24. Correct Answer: (C) Cube  
Q25. Correct Answer: (B) Mango  
Q26. Correct Answer: (C) 100  
Q27. Correct Answer: (C) LMNO  
Q28. Correct Answer: (B) Conclusion does not follow  
Q29. Correct Answer: (A) Only I follows  
Q30. Correct Answer: (A) Only I follows  
Q31. Correct Answer: (B) 82  
Q32. Correct Answer: (A) 7.5°  
Q33. Correct Answer: (A) 44  
Q34. Correct Answer: (B) 5  
Q35. Correct Answer: (B) 21  
Q36. Correct Answer: (D) 8  
Q37. Correct Answer: (A) 26

- Q38.** Correct Answer: **(C)** Suresh  
**Q39.** Correct Answer: **(A)** 12  
**Q40.** Correct Answer: **(D)** Same as Step 2  
**Q41.** Correct Answer: **(B)** +3 shift  
**Q42.** Correct Answer: **(C)** Cut  
**Q43.** Correct Answer: **(A)** EV  
**Q44.** Correct Answer: **(C)** North  
**Q45.** Correct Answer: **(B)** June  
**Q46.** Correct Answer: **(A)** DQZTDQ  
**Q47.** Correct Answer: **(B)** Only II follows  
**Q48.** Correct Answer: **(C)** S  
**Q49.** Correct Answer: **(B)** Sunday  
**Q50.** Correct Answer: **(B)** Sister-in-law

— End of Practice Set 1 —

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