

PRACTICE TEST · CLASS 04 · LOGICAL REASONING (ANALYTICAL)

Linear Seating – Foundations

Single-row N / S

Mixed Facing

Direction Inversion

Profession Combo

DATE _____	TOTAL MARKS 24	DURATION 24 minutes	MARKING +1 / -0.25	TARGET ≥ 18 / 24
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OBJECTIVES

Drill the foundational mechanics of linear seating arrangements — facing-arrow convention, left-right inversion under N/S facing, the fix-first solving method, and the final-check sweep. Build the muscle memory of solving a 4-5 rider set in 4-5 minutes flat under CLAT pressure.

INSTRUCTIONS

24 questions across 5 puzzle sets. Each set is a self-contained arrangement with 4-5 rider questions. Read each puzzle TWICE, draw the diagram with the facing arrow FIRST, then attempt the riders. Marking: +1 for every correct, -0.25 for every wrong. Unattempted = 0. Target: 18 / 24. Calculator and reference material not permitted.

SET 01 · WARM-UP

Q 1-5 · 4 MIN · Single Row · Facing North

PUZZLE 1 · FIVE FRIENDS, FACING NORTH

Five friends — A, B, C, D, E — sit in a single row facing North. B sits at the right end of the row. A sits second to the left of B. C is an immediate neighbour of A but not of B. D is not at the left end.

Q1. Who sits at the left end of the row?

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

Q2. Who sits to the immediate right of E?

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

Q3. How many people sit between C and B?

- (A) One (B) Two
(C) Three (D) None

Q4. Who is third to the right of C?

- (A) A (B) B
(C) D (D) None — only two seats lie to C's right

Q5. Which of the following is the correct seating from left to right?

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

SET 02 · DIRECTION INVERSION

Q 6-10 · 5 MIN · Single Row · Facing South

PUZZLE 2 · SIX MANAGERS, FACING SOUTH

Six managers — P, Q, R, S, T, U — sit in a row facing South. R sits at the right end of the row (from the reader's perspective). Q sits third to the left of R (from the reader's perspective). P is an immediate neighbour of Q but not of R. Only two people sit between P and U. S sits to the immediate right of U (from the reader's perspective). T is not at the left end.

Q6. Who sits at the left end of the row (from the reader's perspective)?

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

Q7. From R's own perspective, who is third to R's right?

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

Q8. Which two managers sit at the two ends of the row?

- (A) P and R (B) U and R
(C) T and R (D) S and R

Q9. Who sits to the immediate left of T (from the reader's perspective)?

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

Q10. If S and P interchange their positions, who is now second to the right of R from R's own perspective?

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

SET 03 · MIXED FACING**Q 11–15 · 5 MIN · Single Row · Some N, Some S****PUZZLE 3 · SEVEN STUDENTS, MIXED FACING**

Seven students — A, B, C, D, E, F, G — sit in a row. Some face North and some face South. A sits at the centre of the row and faces North. B sits at the left end of the row and faces South. D sits at the right end of the row and faces opposite to A. C is an immediate neighbour of A and sits to A's reader-left. C faces the same direction as A. F sits between B and C. F faces North. E sits to the immediate right of A (from the reader's perspective) and faces South. G sits between E and D. Exactly four students face South.

Q11. Which direction does C face?

- (A) North (B) South
(C) Cannot be determined (D) Same as D

Q12. How many students sit between B and E?

- (A) Two (B) Three
(C) Four (D) One

Q13. Who sits to the immediate left of A (from the reader's perspective)?

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

Q14. From E's own perspective, who is second to E's left?

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

Q15. Which of the following statements is TRUE?

- (A) F and G face the same direction
(B) C and D are immediate neighbours
(C) Exactly three students face North
(D) G faces North

SET 04 · PROFESSION COMBO Q 16–20 · 5 MIN · Single Row · Profession Rider

PUZZLE 4 · EIGHT EXPERTS WITH PROFESSIONS

Eight experts — A, B, C, D, E, F, G, H — sit in a row facing North. Each has a distinct profession: doctor, lawyer, teacher, engineer, banker, architect, journalist, scientist. The architect sits at the left end of the row. The scientist sits at the right end. A is the doctor and sits third to the right of the architect. B sits to the immediate left of A. B is not the architect. The teacher sits second to the left of the scientist. D is the engineer and sits to the immediate right of A. C sits between the teacher and the scientist. The banker sits to the immediate right of the architect. F is the architect. E is the teacher. G sits third to the left of D. H sits at the right end of the row. C is the journalist.

Q16. Who is the architect?

- (A) F
(B) G
(C) H
(D) Cannot be determined

Q17. Who sits at the right end of the row?

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

Q18. Which profession does B have?

- (A) Lawyer
(B) Teacher
(C) Banker
(D) Engineer

Q19. How many people sit between the architect and the engineer?

- (A) One
(B) Two
(C) Three
(D) Four

Q20. Which of the following pairs sit at the two ends of the row?

- (A) G and C
(B) F and H
(C) G and H
(D) F and C

SET 05 · CLAT STRETCH Q 21–24 · 5 MIN · Mixed Facing + Swap Rider

PUZZLE 5 · EIGHT FRIENDS, MIXED FACING + SWAP

Eight friends — P, Q, R, S, T, U, V, W — sit in a row. Exactly four face North and exactly four face South. P sits at the left end of the row and faces North. W sits at the right end of the row and faces the same direction as P. Q sits second to the right of P (from the reader's perspective). Q faces South. R is an immediate neighbour of Q and faces opposite to Q. R sits to the left of Q (from the reader's perspective). S is third to the left of W (from the reader's perspective) and faces South. T and U sit next to each other and both face South. T sits to the immediate left of U. V faces North.

Q21. Who sits to the immediate left of W (from the reader's perspective)?

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

Q22. From Q's own perspective, who is second to Q's right?

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

Q23. Which direction does V face?

- (A) North (B) South
(C) Cannot be determined from the given information (D) Same as T
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Q24. If Q and V interchange their seats (keeping original facing directions), who would now sit second to the right of P from P's own perspective?

- (A) R (B) S
(C) V (D) T
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