

SECTION I : LOGICAL REASONING

1. In the following letter series, some of the letters are missing which are given in that order as one of the alternatives. Choose the correct alternative.
 ____ c ____ bd ____ cbcda ____ a ____ db ____ a
 (A) adabcd (B) cdbbca (C) daabbc (D) bdbcba

2. If MINJUR is coded as 312547 and TADA as 6898, how can MADURAI be coded ?
 (A) 3498178 (B) 3894871 (C) 3849781 (D) 3894781

3. Pointing to a lady in the photograph, Shaloo said, "Her son's father is the son-in-law of my mother." How is Shaloo related to the lady ?
 (A) Aunt (B) Sister (C) Mother (D) Cousin

4. Choose the odd numeral pair/group.
 (A) 8 (34) 9 (B) 48 (120) 12 (C) 7 (144) 11 (D) 20 (270) 115

5. If 'A \$ B' means 'A is the father of B', 'A ★ B' means 'A is the mother of B', 'A @ B' means 'A is the wife of B', then which of the following means 'M is the grandmother of N' ?
 (A) M ★ T \$ N @ R (B) M ★ T \$ R @ S (C) M ★ R \$ T @ N (D) M ★ R @ T @ N

6. Johnson left for his office in his car. He drove 15 km towards north and then 10 km towards west. He then turned to the south and covered 5 km. Further, he turned to the east and moved 8 km. Finally, he turned right and drove 10 km. How far and in which direction is he from his starting point?
 (A) 2 km west (B) 5 km east (C) 6 km south (D) 2 km east

7. In the following series of letters, some definite order determines. Which of the following are next two letters in the correct order ?
 A J K T U B I L S V C H M R W D G N Q X E F O ? ?
 (A) PY (B) PZ (C) YZ (D) ZA

8. Choose the missing term from the given alternatives.
 BZA, DYC, FXE, ?, JVI
 (A) HUG (B) HWG (C) UHG (D) WHG

9. In a row of forty children, P is thirteenth from the left end and Q is ninth from the right end. How many children are there between P and R if R is fourth to the left of Q ?
 (A) 12 (B) 13 (C) 14 (D) 15

10. If > denotes '+', < denotes '-', + denotes '÷', - denotes '=', = denotes 'less than' and × denotes 'greater than', which of the following is a correct statement ?
 (A) $3 + 2 > 4 = 9 + 3 < 2$ (B) $3 > 2 > 4 = 18 + 3 < 1$ (C) $3 > 2 < 4 \times 8 + 4 < 2$ (D) $3 + 2 < 4 \times 9 + 3 < 3$

11. Choose the odd numeral pair/group.
 (A) 13 - 21 (B) 19 - 27 (C) 15 - 23 (D) 16 - 24