**PUZZLERS (I)**

1. Eight girls P,Q,R,S,T,U,V and W are seated around a circular table. P and Q are opposite to each other. U is neither next to W nor next to V. W is to the immediate left of Q and opposite V. S is to the immediate right of Q.

(i) Who is to the right of P?

a) V b) U c) R d) T

(ii) Who is two places to the right of Q?

a) R b) S c) U d) Can’t be determined

(iii) If U and V interchange places then who is opposite to W?

a) R b) S c) V d) U

(iv) Who is opposite of S?

a) T b) V c) W d) U

(v) If R is the immediate right to U then who is the immediate left of V?

a) P b) R c) T d) Q

2. Six boys A,B,C, D,E and F are sitting around a circular table as for the following conditions. F is sitting to the left of A. B is sitting between C and E and is opposite

to A. E is sitting to the right of D.

(i) Who is sitting opposite to D?

a) A b) B c) C d) E

(ii) If each person interchanges his place with persons opposite, then who is sitting to the right of C?

a) E b) B c) A d) F

(iii) If E interchanges his place with the person sitting opposite to B, then who sits to the right of E?

a) A b) B c) C d) None of these

3. Six teachers A,B.C,D,E and F are sitting around a table. A is to the immediate left of C, who is opposite to E. D is not adjacent to E.

(i) Who is opposite of A?

a) E b) B c) C d) Either B or F

(ii) Who are on either side of E?

a) B and D b) A and F c) B and F d) A and D

(iii) If B is opposite to D, then who among the following is adjacent to D?

a) E b) F c) A d) B

4. A group of 5 students are to be selected from 5 girls A,B,C,D and E and 3 boys X,Y,X. 3 girls and 2 boys must be selected in the group. If A is selected B cannot be in that group. If D is selected cannot be selected in that group but Y must be there in that group.

(i) Which of the following students must be selected in the group?

a) D b) B c) C d) A

(ii) If E is not in the group, then who must be selected?

a) Y b) X c) B d) None of these

(iii) If Y is not selected, then who must be selected?

a) A b) B c) E d) D

(iv) If A is selected then who can also be selected?

a) CEDY b) CDYX c) CDYZ d) Either B or C

5. Five persons A,B,C,D and E of 5 different professions – Engineer, Doctor, Professor, Teacher and Actor – live in 5 different cities. A is an Engineer and lives in Chennai. The Professor lives in Mumbai but he is not C. D is not a Teacher but lives in Delhi. E lives in Kolkota. The Doctor lives in Bangalore.

(i) What is the profession of the person who lives in Kolkota?

a) Actor b) Doctor c) Teacher d) None of these

(ii) In which city does the Actor live?

a) Mumbai b) Kolkota c) Chennai d) Delhi

6. Ten persons – A through J sit in w rows of five persons each such that each person sitting in one row exactly faces one person in the opposite row. It is also known as that – (a) D is not at any of the ends. E is not adjacent to H (b) I is w places to the right of B (c) E is opposite B and J is opposite C. (d) G is opposite I and is adjacent to H and C (f) The no. of people sitting to the left of A is equal to the no of persons sitting to the right of B and also both of them are in the same row.

(i) Who is opposite A?

a) F b) H c) D d) E

(ii) Who is to the left of J?

a) I b) B c) D d) Can’t be determined

(iii) Who is to the immediate right of H?

a) E b) C d) G d) Can’t be determined

(iv) Who is diagonally opposite F?

a) A b) B c) C d) D

(v) Who is w places away from C ( in the same row)?

a) H b) F c) E d) Can’t be determined

7. Four boys A,B,C, and D compare their heights, weights and ages. Each is of different height, different weight and of different age. Also A is not the youngest. It is also known that – (a) A,B,C and D never get the first, the second, the third and the fourth ranks respectively, if the ranks are allotted according to the decreasing order of heights, weights and ages with the tallest or the heaviest or the oldest being the first ranker and so on. (b) The tallest boy is the second oldest and third heaviest. (c) The oldest boy is the second tallest and the lightest.

(i) Who is the heaviest?

a) A b) B c) C d) D

(ii) Who is the lightest?

a) A b) B c) C d) D

(iii) Who is the youngest?

a) A b) B c) C d) Can’t be determined

(iv) If no two boys get the same rank, then who is the shortest?

a) A b) B c) C d) Can’t be determined

8. Each of the 6 subjects P,Q,R,S,T and U are to be scheduled in one among the 6 periods of a day I through VI not necessarily in the given order. It is known that – (a) Two subjects are scheduled between Q and T. (b) R is the only subject that is scheduled in between U and Q. (c) Three subjects are scheduled in between T and S. (d) U is scheduled neither in the II period or in the III period.

(i) Which subject is scheduled in I period?

a) P b) S c) Q d) Can’t be determined

(ii) If T is scheduled in the VI period, which is scheduled in the IV period?

a) Q b) U c) R d) Can’t be determined

(iii) If Q is scheduled in the II period, then which subject is scheduled in the V period?

a) S b) Q c) T d) U

9. A bus starts from station S1, travels through the intermediary stations S2, S3, S4 and S5 respectively and reaches S6. The bust takes 40 minutes to travels from one station to the next station and it stops at every station for 10 minutes.

(i) If the bust reaches S4 by 2:30 pm, then what time does the bus start at S1?

a) 12:00 noon b) 12:10 pm c) 12:20 pm d) 12:50 pm

(ii) If the bus starts from S5 by 8:30 am, then what time does the bust reach S2?

a) 5:50 am b) 6:00 am c) 6:10 am d) 6:40 am