**Studytonight – Analytical Reasoning- test 4 – Aditya Jain**

**Read the following information carefully and answer the questions given below:**

1. **P, Q, R, S, T and U are six members of a group of which three are male and three are females**
2. **There are two engineers, two lawyers, one teacher and one doctor in the group**
3. **Q, T, P and R are two married couples and no person in this group has same profession**
4. **T, a teacher with blue dress, married a male lawyer with brown dress**
5. **Colour of the dresses of both the husbands and that of both the wires is the same**
6. **Two persons have blue dress, two have brown and the remaining one each has black and green**
7. **P is a male engineer whose sister S is also an engineer**
8. **Q is a doctor**

**Questions:**

1. **Who is the wife of P?**
2. **Q**
3. R
4. S
5. T
6. **Which of the following is a group of female members?**
7. QSR
8. **QST**
9. QSU
10. QTU
11. **Which of the following is a pair of married ladies?**
12. PR
13. TS
14. **QT**
15. Data inadequate
16. **What is the colour of U’s dress?**
17. Black
18. Green
19. **Black and Green**
20. Data inadequate
21. **Who are the two engineers?**
22. A and B
23. D and E
24. F and C
25. **P and S**

**Read the following information carefully and answer the questions given below:**

**All the roads of a city are either perpendicular or parallel to one another. The road are all straight. Roads A, B, C, D and E are parallel to one another. Roads G, H, I, J, K, L and M are parallel to one another.**

1. **Road A is 1km east of road B**
2. **Road B is ½ km west of road C**
3. **Road D is 1km west of road E**
4. **Road G is ½ km south of road H**
5. **Road I is 1km north of road J**
6. **Road K is ½ km north of road L**
7. **Road K is 1km south of road M**

**Questions:**

1. **Which is necessarily true?**
   1. E and B are intersect
   2. D is 2km west of B
   3. D is at least 2km west of A
   4. **M is 1.5km north of L**
2. **If E is between B and C, which of the following is false?**
3. **D is 2km west of A**
4. C is less than 1.5km from D
5. Distance from E to B added to distance of E to C is 1/2 km
6. E is less than 1 km from A
7. **If road E is between B and C, then distance between A and D is?**
8. ½ km
9. 1 km
10. 1.5 km
11. **1.5 km to 2 km**
12. **Which of the following possibilities would make two roads coincide?**
    1. L is ½ km north of I
    2. C is 1 km west of D
    3. **I is ½ km north of K**
    4. D is ½ km east of A
13. **If ‘X’ is parallel to I and X is ½ km south of J and 1km north of G, which two roads would be ½ km apart?**
    1. I and X
    2. J and G
    3. I and G
    4. **X and J**

**Read the following information carefully and answer the questions given below:**

**From amongst six boys A, B, C, D, E and F and five girls P, Q, R, S and T a team of six is to selected under the following conditions**

1. **A and D have to be together**
2. **C cannot go with S**
3. **S and T have to be together**
4. **B cannot be teamed with E**
5. **D cannot go with P**
6. **B and R have to be together**
7. **C and Q have to be together**

**Questions:**

1. **If there be five boys in the team, the alone girl member is?**
   * + - 1. P
         2. **Q**
         3. R
         4. S
2. **If including P, the team have three girls, the members are?**
3. **BCFQR**
4. ADEST
5. ADBST
6. BFRST
7. **If the team including C consists of four boys, the members of the team other than C are?**
8. ADEPQ
9. **ABDQR**
10. DEFAQ
11. BEFRQ
12. **If four members including E have to be boys, the members other than E are?**

* + - * 1. ABCQR
        2. **ADFST**
        3. BCFQR
        4. ACDFQ

1. **If four members to be girls the members of the team are?**
2. BCPQRS
3. **BFPRST**
4. BCQRST
5. BCPQRT