



**Direction: Study the following carefully and answer the questions given below.**

In an apartment, a family lives with eight members i.e. E, F, G, H, I, J, K, and L. They have decided to do lunch together in a hotel and sit around a square table with all of them facing outwards. Four of them are sitting at the middle while others are sitting at the corners. All of them are equidistant from each other. Each one of them wears different colors of dress viz. Red, White, Black, Violet, Blue, Yellow, Pink and Brown. Three married couples are there in the family. All the family members are of different ages. L is the only sister-in-law of E whereas F wears Yellow dress and is a daughter-in-law of G. E, who is the father of J and K, sits to the immediate left of the person who wears Red. J is an immediate neighbor of her aunt L who does not sit next to H. G does not wear Brown or Pink. The two youngest members sit next to each other. The one who wears the White sits between K and the one who wears Blue. K sits third to the left of H. The one who wears Yellow sits between the persons who wears Pink and Brown Respectively. H's husband and son sit next to her. K's father does not wear violet. K does not wear Black or Pink. H is the mother of E and I, and sits second to the left of I. The one, who wears Violet dress, is 65 years old. The sum of ages of G and the one, who sits directly opposite to G, is 82 years. The one who sits third to right of the one who wears white dress is 40 years. The age of the one who sits to the immediate right of E is 24 years more than from the one who wears Black dress. The 3rd left person from the one who wears Brown dress is 38 years old. The sum of ages of immediate neighbors of the one who wear Black dress is 100 years. The age of 2nd left person from the one who wears Red dress is 3 years less than from her spouse. The age of granddaughter of the one who wears Violet dress is 18 years less than from the one who wears Black dress.

Q.1. Which of the following is the color of dress of L's brother in law?

- (1) Pink                      (2) Black                      (3) Violet                      (4) Blue                      (5) None of these

Q.2. How many persons are there between L and the one whose age is 40 when counted in clockwise direction?

- (1) 4                      (2) 5                      (3) 6                      (4) 7                      (5) 3

Q.3. Which of the following is not the correct combination?

- (1) G, 65, violet                      (2) H, 62, Red                      (3) J, 20, white                      (4) F, 40, yellow  
(5) All are correct

Q.4. Which of the following correctly represents the couple of husband and wife?

- (1) HF                      (2) EG                      (3) IL                      (4) All are correct                      (5) None is correct

ANSWER:-

- Q.1 (1)                      Q.2 (5)                      Q.3 (4)                      Q.4 (3)