

## PUZZLE TEST

### Self – Evaluation Text

**Directions (Questions 1 and 2):** Study the following information carefully and answer these questions.

(i) Six children B, D, C, M, J and K are split into two groups of three each and are made to stand in two rows in such a way that a child in one row is exactly facing a child in the other row.

(ii) M is not at the ends of any row and is to the right of J who is facing C. K is to the left of D who is facing M.

1. Who is to the immediate left of B?  
(a) M (b) J  
(c) D (d) K  
(e) None of these
2. Which of the following groups of children is in the same row?  
(a) BDC & MJK (b) BMD & BDC  
(c) MJK & BMD (d) BMJ & KDC  
(e) None of these

**Directions (Questions 3 to 7):** On the basis of the information provided below, answer these questions:

Six people A, B, C, D, E and F are sitting on the ground in a hexagonal shape. All the sides of the hexagon so formed are of same length. A is not adjacent to B or C D is not adjacent to C or E; B and C are adjacent; F is in the middle of D and C.

3. Which of the following is not a correct neighbour pair?  
(a) A and F (b) D and F  
(c) B and E (d) C and F  
(e) None of these
4. Who is at the same distance from D as E is D?  
(a) B  
(b) C  
(c) D  
(d) F  
(e) None of these

5. Which of the following is in the right sequence?

- (a) A, F, B
- (b) F, A, E
- (c) B, C, F
- (d) D, A, B
- (e) None of these

6. If one neighbour of A is D, who is the other one?

- (a) B
- (b) C
- (c) E
- (d) F
- (e) None of these

7. Who is placed opposite to E?

- (a) B
- (b) C
- (c) D
- (d) F
- (e) None of these

**Directions (Questions 8 to 10):** Study the following information to answer the questions given below:

<b>(i)</b> A, B, C D, E, F and 6 are seven members of a family.
<b>(ii)</b> There are two Doctors, two Teachers, two Professors and one Lawyer.
<b>(iii)</b> No lady is either Teacher or Lawyer.
<b>(iv)</b> Teacher's wife is a Professor and Lawyer's wife is also a Professor,
<b>(v)</b> C is the daughter-in-law of F and mother of E.
<b>(vi)</b> B, a Doctor, is son of G, and E, who is not a Professor, is the daughter of Lawyer.
<b>(vii)</b> A's husband is a Teacher and A is the mother-in-law of C and grandmother of B.
<b>(viii)</b> F is the grandfather of B and D.

8. All the family members belong to how many generations?

- (a) Four
- (b) Two
- (c) Either two or three
- (d) Three
- (e) None of these

9. Which of the following is one of the married couple?

- (a) GC
- (b) FC
- (c) GA
- (d) BD
- (e) None of these

10. How is D related to A?

- (a) Granddaughter
- (b) Son
- (c) Grandson
- (d) Daughter
- (e) None of these

## Answer – Key

1.      A	2.      D	3.      A	4.      B	5.      C
6.      C	7.      D	8.      D	9.      A	10.    C

## Explanation

### 1.      Explanation

Option (A) is correct.

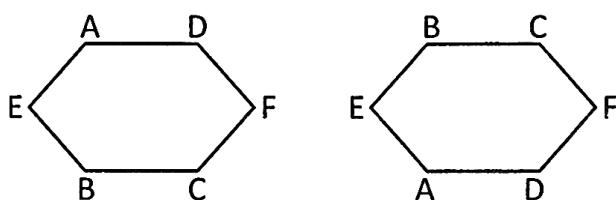
M is to the immediate left of B.

### 2.      Explanation

Option (D) is correct.

BMJ and KDC are two sets of children in the same row.

**Questions 3 to 7:** F is in the middle of D and C; B and C are adjacent; A is not adjacent to C. Thus, two seating arrangements are possible:



### 3.      Explanation

Option (A) is correct.

Clearly, D and F, B and E, C and F are all neighbours while A and F are not.

### 4.      Explanation

Option (B) is correct.

E is two sides away from D in one direction and C is two sides away from D in the other direction.

### 5.      Explanation

Option (C) is correct.

B, C, F are sitting in consecutive positions.

**6. Explanation**

Option (C) is correct.

D and E are the neighbours of A.

**7. Explanation**

Option (D) is correct.

F is seated opposite to E.

**Questions 8 to 10:** The information given for the questions suggest that all the seven members belong to three generations in the following way:

1st generation	Grandparents	F (Male Teacher)	A (Female Professor)
2nd generation	Parents	G (Male Lawyer)	C (Female Professor)
3rd generation	Children	B (Male Doctor)	E (Female Doctor) D (Male Teacher)

**8. Explanation**

Option (D) is correct.

They belong to three different generations.

**9. Explanation**

Option (A) is correct.

G - C is one of the married pairs.

**10. Explanation**

Option (C) is correct.

D is the grandson of A.