

## Statement Analysis

### Self - Evaluation Test

1. Among five friends P, Q, R, S and T, who is the youngest? To arrive at the answer which of the following information given in the statements (a) and (b) is sufficient?

(a) R is younger than P and T
(b) S is younger than Q.

- (a) Only (a) alone is sufficient  
(b) Either (a) or (b) is sufficient  
(c) Both (a) or (b) is sufficient  
(d) Only (b) alone is sufficient  
(e) Both (a) and (b) together are not sufficient

2. Ashok is younger than Prabir and Gopal. Sohan is younger than Prabir but older than Gopal. Which of the following statements is definitely true?

- (a) Ashok is older than Sohan  
(b) Sohan is the oldest among them  
(c) Gopal is younger than Ashok  
(d) Prabir is older than Gopal  
(e) None of these

3. Among five boys, Dennis is taller than Shaun, but not as much as Raju. Jayant is taller than Dutta but shorter than Shaun. Who is the tallest?

- (a) Raju  
(b) Shaun  
(c) Dennis  
(d) Can't be determined  
(e) None of these

4. Which will be the third word when the following words are arranged according to the dictionary pattern?

- (a) Amphibian  
(b) Amorphous  
(c) Ambiguous  
(d) Amphidertrous  
(e) None of these

**Direction (For Q.5-9):**

- (i) Nine students A, B, C, D, E, F, G, H and I are sitting on a bench and are facing towards  
(ii) C is next to the right of A and second to the left of H.  
(iii) B is on any one end and second to the left of E.  
(iv) G is the neighbour of D and E.

5. Which of the two students are on the two ends?

- (a) C and G  
(b) A and G  
(c) A and E  
(d) B and H  
(e) None of these

**6. Which of the following is true?**

- (a) C and H are neighbours of B
- (b) F is just in the middle of all students
- (c) Group of 8 friends is just left to H
- (d) H and F are neighbours of I
- (e) None of these

**7. Who is just in the middle?**

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

**8. If F is Just right to B, which of the following group is Just right to F.**

- (a) IHD
- (b) HDC
- (c) IHB
- (d) DGE
- (e) None of these

**Direction (For Q.9-12):**

- (i) A, B, C, D, E, F, G and H are sitting in a line facing towards East.
- (ii) A is fourth to the right of E.
- (iii) H is fourth to the left of D.
- (iv) C and F are not at the ends and are neighbours of B and G respectively.
- (v) H is next to the left of A and A is the neighbour of B.

**9. Which one of the following statements is definitely true about the position of F?**

- (a) F is to the right of E
- (b) F is to the right of H
- (c) Next to the right of D
- (d) Between A and H
- (e) None of these

**10. Which of the following is true?**

- (a) G is the neighbour of H and A
- (b) D is next to the right of A
- (c) E is at left end
- (d) D is next to the left of B
- (e) None of these

**11. Who is the neighbour of D?**

- (a) F
- (b) C
- (c) B and C
- (d) Cannot be determined
- (e) None of these

**12. Which of the following is not true?**

- (a) D is at the right end
- (b) E is fourth to the left of A
- (c) D is fourth to the right of H
- (d) D is fourth to the right of C
- (e) None of these

**Direction (For Q. 13-17):**

- (i) A, B, C, D, E and F are 6 members of a family.
- (ii) One of them is doctor, one advocate, one engineer, two students and one housewife.
- (iii) There are two couples in the family.
- (iv) F is the father of E and is a doctor.
- (v) A is a girl student and her husband is not an advocate.
- (vi) B is the grandmother of D and is a housewife.
- (vii) D is the sister of E.
- (viii) C is the husband of B.

**13. How is E related to B?**

- (a) Grand daughter
- (b) Grandson
- (c) Son/son-in-law
- (d) Grand son/Grand daughter
- (e) None of these

**14. Which of the following is a couple?**

- (a) FB
- (b) FA
- (c) CF
- (d) FD
- (e) None of these

**15. How many ladies are there in the family?**

- (a) Three
- (b) Two
- (c) Three or four
- (d) Three or four
- (e) None of these

**16. Who is the doctor?**

- (a) D
- (b) E
- (c) D or E
- (d) A's husband
- (e) None of these

**17. Which of the following is definitely true?**

- (a) F is the grandmother
- (b) C is the father of a student
- (c) B is the mother of a student
- (d) F is the father of D
- (e) None of these

**Direction (For Q. 18-22):**

- (i) There are 7 professors in a college. They are - A/ B, C, D, E, F and G. Each of them teaches a different subject.
- (ii) Three of them are ladies. There are two couples among them.
- (iii) C is the professor of Social Science and is married to the lady professor who teaches Chemistry.
- (iv) E and G are ladies and teaches Biology and Physics respectively.
- (v) A teaches Maths and his wife does not teach Physics.
- (vi) F and D are gents and F is unmarried.

**18. Which subject does B teach?**

- (a) Maths
- (b) Chemistry
- (c) Physics
- (d) Biology
- (e) None of these

- 19. Which subject does F teach?**  
 (a) Physics (b) Commerce  
 (c) Social Science (d) Cannot be determined  
 (e) None of these
- 20. Which subject does A's wife teach?**  
 (a) Chemistry (b) Biology  
 (c) Social Science (d) Can't be determined  
 (e) None of these
- 21. Which of the following are couples?**  
 (a) DC and AE (b) AC and DE  
 (c) GA and CD (d) CB and AE  
 (e) None of these
- 22. Which of the following are gents?**  
 (a) AE (b) BG  
 (c) AD (d) CG  
 (e) None of these

### Answer Key

1. E	2. D	3. A	4. A	5. D	6. C	7. C	8. D	9. A	10. C	11. B
12. D	13. D	14. B	15. D	16. D	17. D	18. B	19. D	20. B	21. D	22. C

### Explanation

- 1. Explanation**  
 Option (e) is correct.  
 Statements are not inter-related.
- 2. Explanation**  
 Option (d) is correct. On the basis of age, the descending order will be: Prabir, Sohan, Gopal, Ashok.
- 3. Explanation**  
 Option (a) is correct. On the basis of height, the descending order will be: Raju, Dennis, Shaun, Jayant, Dutta.
- 4. Explanation**  
 Option (a) is correct. On arranging the words according to the dictionary pattern: Ambiguous, Amorphous, Amphibian, Amphidertous.
- 5. Explanation**  
 Option (d) is correct. The possible arrangement of the students as per the given information is:  
 B F/I E G D A C F/I H  
 So B and H are at the two ends.

**6. Explanation**

Option (c) is correct, it is clear from the arrangement given in the explanation of question 5 that 8 friends are just left to H.

**7. Explanation**

Option (c) is correct. It is clear from the arrangement given in the explanation of question 5 that D is just in the middle.

**8. Explanation**

Option (d) is correct. If F is just right to B, the arrangement will be as below:  
B F E G D A C I H

**9. Explanation**

Option (a) is correct. The possible arrangement according to the given conditions is as below:  
E F/G F/G H A B C D  
So, the statement that position of F is right to E is definitely true.

**10. Explanation**

Option (c) is correct. It is clear from the arrangement given in the explanation of question 9 that E is at the left end.

**11. Explanation**

Option (b) is correct. It is clear from the arrangement given in the explanation of question 9 that C is neighbour of D.

**12. Explanation**

Option (d) is correct. It is clear from the arrangement given in the explanation of question 9 that the statement 'D is fourth to the right of C' is not true.

**Explanation for question 13 to 17**

The family according to the given information is as below;

C = grandfather  
B = grand mother  
F = father  
A = mother  
D, E = children

**13. Explanation**

Option (d) is correct. E is either grandson or granddaughter of B.

**14. Explanation**

Option (b) is correct. F A among the given options is the only couple.

**15. Explanation**

Option (d) is correct. It is not clear that either E is a male or female, so if E is male then there are three ladies in the family but if E is female then there are four ladies in the family.

**16. Explanation**

Option (d) is correct. F is the doctor who is A's husband.

**17. Explanation**

Option (d) is correct. The statement 'F is the father of D' is definitely true.

**18. Explanation**

Option (b) is correct.

Gents - C, A, F and D

Ladies - E, G and B

As per the given information's C's wife teaches Chemistry. Among group of ladies E, G and B, E and G teach Biology and Physics respectively. So it is clear that B is C's wife and C teaches Chemistry.

**19. Explanation**

Option (d) is correct.

Given information are not sufficient to find which subject does F teach.

**20. Explanation**

Option (b) is correct.

As per given information, A's wife does not teach Physics, so clearly his wife teaches Biology.

**21. Explanation**

Option (d) is correct.

C's wife is B and A's wife is E. So CB and AE are couples.

**22. Explanation**

Option (c) is correct.

C, A, F and D are gents and E, G and B are ladies.