

**PERCENTILE CLASSES**  
**Arrangement & Sequencing**  
**CLASS ASSIGNMENT**

1. A, P, R, X, S and Z are sitting in a row. S and Z are in the centre. A and P are at the ends. R is sitting to the left of A. Who is to the right of P ?
- A. A B. X
- C. S D. Z
2. There are 8 houses in a line and in each house only one boy lives with the conditions as given below:
- Jack is not the neighbour Siman.*  
*Harry is just next to the left of Larry.*  
*There is at least one to the left of Larry.*  
*Paul lives in one of the two houses in the middle.*  
*Mike lives in between Paul and Larry.*
- If at least one lives to the right of Robert and Harry is not between Taud and Larry, then which one of the following statement is not correct ?
- A. Robert is not at the left end.
- B. Robert is in between Simon and Taud.
- C. Taud is in between Paul and Jack.
- D. There are three persons to the right of Paul.
3. A, B, C, D and E are sitting on a bench. A is sitting next to B, C is sitting next to D, D is not sitting with E who is on the left end of the bench. C is on the second position from the right. A is to the right of B and E. A and C are sitting together. In which position A is sitting ?
- A. Between B and D B. Between B and C
- C. Between E and D D. Between C and E

### Directions to Solve

P, Q, R, S, T, U, V and W are sitting round the circle and are facing the centre:

$P$  is second to the right of  $T$  who is the neighbour of  $R$  and  $V$ .

*S is not the neighbour of P.*

$V$  is the neighbour of  $U$ .

*Q is not between S and W. W is not between U and S.*

4. Which two of the following are not neighbours ?
- A.** RV **B.** UV
- C.** RP **D.** QW
- 
5. Which one is immediate right to the V ?
- A.** P **B.** U
- C.** R **D.** T

6. Which of the following is correct ?

- A. P is to the immediate right of Q
  - B. R is between U and V
  - C. Q is to the immediate left of W
  - D. U is between W and S
- 

7. What is the position of S ?

- A. Between U and V
- B. Second to the right of P
- C. To the immediate right of W
- D. Data inadequate.

#### Directions to Solve

Five girls are sitting on a bench to be photographed. Seema is to the left of Rani and to the right of Bindu. Mary is to the right of Rani. Reeta is between Rani and Mary.

8. Who is sitting immediate right to Reeta ?

- |          |          |
|----------|----------|
| A. Bindu | B. Rani  |
| C. Mary  | D. Seema |
- 

9. Who is in the middle of the photograph ?

- |          |          |
|----------|----------|
| A. Bindu | B. Rani  |
| C. Reeta | D. Seema |
- 

10. Who is second from the right ?

- |          |          |
|----------|----------|
| A. Mary  | B. Rani  |
| C. Reeta | D. Bindu |
- 

11. Who is second from the left in photograph ?

- |          |          |
|----------|----------|
| A. Reeta | B. Mary  |
| C. Bindu | D. Seema |
- 

#### Directions to Solve

Six friends are sitting in a circle and are facing the centre of the circle. Deepa is between Prakash and Pankaj. Priti is between Mukesh and Lalit. Prakash and Mukesh are opposite to each other.

12. Who is sitting opposite to Prakash ?

- |           |          |
|-----------|----------|
| A. Mukesh | B. Deepa |
| C. Pankaj | D. Lalit |
- 

13. Who is just right to Pankaj ?

- |            |          |
|------------|----------|
| A. Deepa   | B. Lalit |
| C. Prakash | D. Priti |

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14. Who are the neighbours of Mukesh ?

- A.** Prakash and Deepa
- B.** Deepa and Priti
- C.** Priti and Pankaj
- D.** Lalit and Priti

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15. Who is sitting opposite to Priti ?

- A.** Prakash
- B.** Deepa
- C.** Pankaj
- D.** Lalit

**Directions to Solve**

*In an Exhibition seven cars of different companies - Cadillac, Ambassador, Fiat, Maruti, Mercedes, Bedford and Fargo are standing facing to east in the following order :*

*Cadillac is next to right of Fargo.*

*Fargo is fourth to the right of Fiat.*

*Maruti car is between Ambassador and Bedford.*

*Fiat which is third to the left of Ambassador, is at one end.*

16. Which of the cars are on both the sides of cadillac car ?

- A.** Ambassador and Maruti
- B.** Maruti and Fiat
- C.** Fargo and Mercedes
- D.** Ambassador and Fargo

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17. Which of the following statement is correct ?

- A.** Maruti is next left of Ambassador.
- B.** Bedford is next left of Fiat.
- C.** Bedford is at one end.
- D.** Fiat is next second to the right of Maruti.

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18. Which one of the following statements is correct ?

- A.** Fargo car is in between Ambassador and Fiat.
- B.** Cadillac is next left to Mercedes car.
- C.** Fargo is next right of Cadillac.
- D.** Maruti is fourth right of Mercedes.

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19. Which of the following groups of cars is to the right of Ambassador ?

- A.** Cadillac, Fargo and Maruti
- B.** Mercedes, Cadillac and Fargo
- C.** Maruti, Bedford and Fiat
- D.** Bedford, Cadillac and Fargo

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20. Which one of the following is the correct position of Mercedes ?

- A. Next to the left of Cadillac
- B. Next to the left of Bedford
- C. Between Bedford and Fargo
- D. Fourth to the right of Maruti.

**Directions to Solve**

Six friends P, Q, R, S, T and U are sitting around the hexagonal table each at one corner and are facing the centre of the hexagonal. P is second to the left of U. Q is neighbour of R and S. T is second to the left of S.

21. Which one is sitting opposite to P ?

- |      |      |
|------|------|
| A. R | B. Q |
| C. T | D. S |

---

22. Who is the fourth person to the left of Q ?

- |      |                    |
|------|--------------------|
| A. P | B. U               |
| C. R | D. Data inadequate |

---

23. Which of the following are the neighbours of P ?

- |            |                    |
|------------|--------------------|
| A. U and P | B. T and R         |
| C. U and R | D. Data inadequate |

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24. Which one is sitting opposite to T ?

- |                         |      |
|-------------------------|------|
| A. R                    | B. Q |
| C. Cannot be determined | D. S |

**Directions to Solve**

Each of these questions are based on the information given below:

A, B, C, D and E are five men sitting in a line facing to south - while M, N, O, P and Q are five ladies sitting in a second line parallel to the first line and are facing to North.

B who is just next to the left of D, is opposite to Q.

C and N are diagonally opposite to each other.

E is opposite to O who is just next right of M.

P who is just to the left of Q, is opposite to D.

M is at one end of the line.

25. Who is sitting third to the right of O ?

- |      |                    |
|------|--------------------|
| A. Q | B. N               |
| C. M | D. Data inadequate |

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26. If B shifts to the place of E, E shifts to the place of Q, and Q shifts to the place of B, then who will be the second to the left of the person opposite to O ?

- |      |      |
|------|------|
| A. Q | B. P |
| C. E | D. D |



27. Which of the following pair is diagonally opposite to each other ?

- A.** EQ                      **B.** BO  
**C.** AN                      **D.** AM

28. If O and P, A and E and B and Q interchange their positions, then who will be the second person to the right of the person who is opposite to the person second of the right of P ?

- A. D                      B. A  
C. E                      D. O

29. In the original arrangement who is sitting just opposite to N ?

- A. B                      B. A  
C. C                      D. D

### Directions to Solve

A, B, C, D, E, F and G are sitting in a row facing North :

*F is to the immediate right of E.*

*E is 4<sup>th</sup> to the right of G.*

*C is the neighbour of B and D.*

Person who is third to the left of D is at one of ends.

30. Who are to the left of C ?

- A.** Only B
- B.** G, B and D
- C.** G and B
- D.** D, E, F and A

31. Which of the following statement is not true ?

- A. E is to the immediate left of D
- B. A is at one of the ends
- C. G is to the immediate left of B
- D. F is second to the right of D

32. Who are the neighbours of B ?

- A.** C and D                      **B.** C and G  
**C.** G and F                    **D.** C and E

33. What is the position of A ?

- A.** Between E and D      **B.** Extreme left
- C.** Centre      **D.** Extreme right

### Directions to Solve

Each of these questions are based on the information given below :

8 persons E, F, G, H, I, J, K and L are seated around a square table - two on each side.

There are 3 ladies who are not seated next to each other.

***J, I between L and F.***

***G is between I and F.***

***H, a lady member is second to the left of J.***

***F, a male member is seated opposite to E, a lady member.***

***There is a lady member between F and I.***

34. Who among the following is to the immediate left of F ?

- |             |             |
|-------------|-------------|
| <b>A.</b> G | <b>B.</b> I |
| <b>C.</b> J | <b>D.</b> H |

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35. What is true about J and K ?

- |                                  |                                  |
|----------------------------------|----------------------------------|
| <b>A.</b> J is male, K is female | <b>B.</b> J is female, K is male |
| <b>C.</b> Both are female        | <b>D.</b> Both are male          |

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36. How many persons are seated between K and F ?

- |             |             |
|-------------|-------------|
| <b>A.</b> 1 | <b>B.</b> 2 |
| <b>C.</b> 3 | <b>D.</b> 4 |

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37. Who among the following are three lady members ?

- |                      |                      |
|----------------------|----------------------|
| <b>A.</b> E, H and J | <b>B.</b> E, F and G |
| <b>C.</b> E, H and G | <b>D.</b> C, H and J |

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38. Who among the following is seated between E and H ?

- |             |                                |
|-------------|--------------------------------|
| <b>A.</b> F | <b>B.</b> I                    |
| <b>C.</b> K | <b>D.</b> Cannot be determined |

### **Directions to Solve**

*In a class there are seven students (including boys and girls) A, B, C, D, E, F and G. They sit on three benches I, II and III. Such that at least two students on each bench and at least one girl on each bench. C who is a girl student, does not sit with A, E and D. F the boy student sits with only B. A sits on the bench I with his best friends. G sits on the bench III. E is the brother of C.*

39. How many girls are there out of these 7 students ?

- |             |                           |
|-------------|---------------------------|
| <b>A.</b> 3 | <b>B.</b> 3 or 4          |
| <b>C.</b> 4 | <b>D.</b> Data inadequate |

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40. Which of the following is the group of girls ?

- |               |               |
|---------------|---------------|
| <b>A.</b> BAC | <b>B.</b> BFC |
| <b>C.</b> BCD | <b>D.</b> CDF |

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41. Who sits with C ?

- |             |             |
|-------------|-------------|
| <b>A.</b> B | <b>B.</b> D |
| <b>C.</b> G | <b>D.</b> E |

42. On which bench there are three students ?

- A.** Bench I
- B.** Bench II
- C.** Bench III
- D.** Bench I or II

### Directions to Solve

Six girls are sitting in a circle facing to the centre of the circle. They are P, Q, R, S, T and V. T is not between Q and S but some other one. P is next to the left of V. R is 4<sup>th</sup> to the right of P.

43. Which of the following statement is not true ?

- A. S is just next to the right to R
- B. T is just next to the right of V
- C. R is second to the left of T
- D. P is second to the right of R

44. If P and R interchange their positions then which of the following pair will sit together ?

- A.** RT                      **B.** PV  
**C.** VR                      **D.** QV

45. What is the position of T ?

- A. Just next to the right of Q
- B. Second to the left of P
- C. Between Q and R
- D. To the immediate right of V

46. Which one is sitting just right to the V?

- A. P
- B. T
- C. R
- D. S/Q

**DIRECTION:**

K, L, M, N, P, Q, R, S, U and W are the only ten members in a department. There is a proposal to form a team from within the members of the department, subject to the following conditions:

A team must include exactly one among P, R, and S.

A team must include either M or Q, but not both.

If a team includes K, then it must also include L, and vice versa.

If a team includes one among S, U, and W, then it must also include the other two.

L and N cannot be members of the same team.

L and U cannot be members of the same team.

47. The size of a team is defined as the number of members in the team.

Who cannot be a member of a team of size 3?

- (A) L (B) M (C) N (D) P (E) Q

48. Identify the number at the place of x ?

4	5	26
9	10	101
25	26	x

A. 256      B. 218      C. 677      D. 812

49. The owner of a local jewellery store hired 3 watchmen to guard his diamonds, but a thief still got in and stole some diamonds. On the way out, the thief met each watchman, one at a time. To each he gave  $\frac{1}{2}$  of the diamonds he had then, and 2 more besides. He escaped with one diamond. How many did he steal originally?

A. 40      B. 36      C. 25      D. None of these

### DIRECTION:

In a local pet store, seven puppies wait to be introduced to their new owners. The puppies, named Ashlen, Blakely, Custard, Daffy, Earl, Fala and Gabino, are all kept in two available pens. Pen 1 holds three puppies, and pen 2 holds four puppies.

If Gabino is kept in pen 1, then Daffy is not kept in pen 2.

If Daffy is not kept in pen 2, then Gabino is kept in pen 1.

If Ashlen is kept in pen 2, then Blakely is not kept in pen 2.

If Blakely is kept in pen 1, then Ashlen is not kept in pen 1.

50. If Earl shares a pen with Fala, then which of the following MUST be true?

- (A) Gabino is in pen 1 with Daffy.  
 (B) Custard is in pen 2.  
 (C) Blakely is in pen 2 and Fala is in pen 1.  
 (D) Earl is in pen 1.  
 (E) Gabino shares a pen with Blakely.

### SOLUTIONS TO CLASS ASSIGNMENT

**Answer 1:** Option B

**Explanation:**

The seating arrangement is as follows:

P      X      S      Z      R

Therefore, right of P is X.

**Answer 2:** Option C

**Answer 3:** Option B

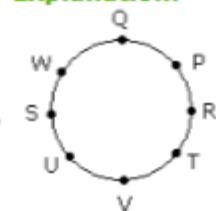
**Explanation:**

E      B      A      C      D

Therefore, A is sitting in between B and C.

**Answer 4:** Option A

**Explanation:**



**Answer 5:** Option D

**Explanation:** T is immediate right to the V.

**Answer 6:** Option C

**Answer 7:** Option C

**Answer 8:** Option C

**Explanation:**

Bindu      Seema      Rani      Reeta      Mary

Mary is sitting immediate right to Reeta.

**Answer 9:** Option B

**Answer 10:** Option C

**Answer 11:** Option D

**Answer 12:** Option A

**Explanation:**



Hence, Mukesh is sitting opposite to Prakash.

**Answer 13:** Option A

**Answer 14:** Option C

**Answer 15:** Option B

**Answer 16:** Option C

**Explanation:**

- Fiat
- Bedford
- Maruti
- Ambassador
- Fargo
- Cadillac
- Mercedes

Fargo and Mercedes are on both the sides of Cadillac car.

**Answer 17:** Option A

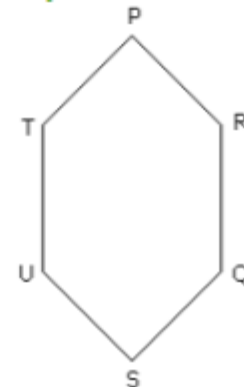
**Answer 18:** Option B

**Answer 19:** Option B



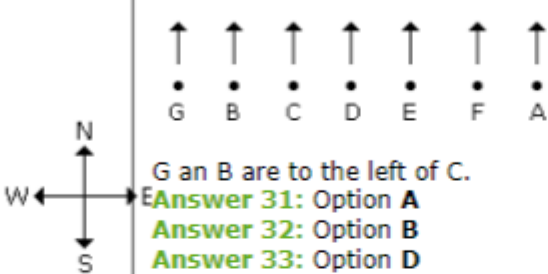
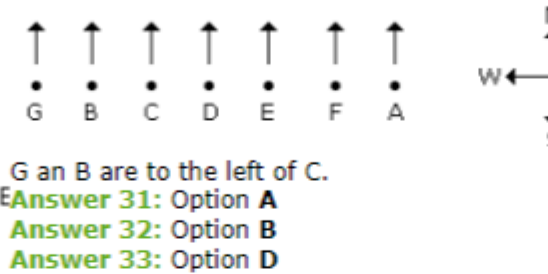
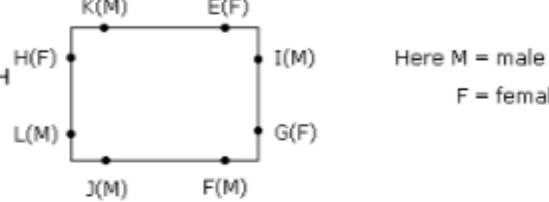

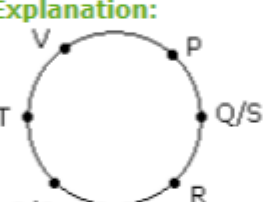
**Answer 21:** Option D

**Explanation:**



S is sitting opposite to P.



	<p><b>Answer 20:</b> Option D</p>	<p><b>Answer 22:</b> Option A  <b>Answer 23:</b> Option B  <b>Answer 24:</b> Option B</p>
<p><b>Answer 25:</b> Option B  <b>Explanation:</b></p>  <p><b>Answer 26:</b> Option A  <b>Answer 27:</b> Option D  <b>Answer 28:</b> Option B  <b>Answer 29:</b> Option B</p>	<p><b>Answer 30:</b> Option C  <b>Explanation:</b></p>  <p>G and B are to the left of C.  <b>Answer 31:</b> Option A  <b>Answer 32:</b> Option B  <b>Answer 33:</b> Option D</p>	<p><b>Answer 34:</b> Option C  <b>Explanation:</b></p>  <p>J is to the immediate left of F.  <b>Answer 35:</b> Option D  <b>Answer 36:</b> Option C  <b>Answer 37:</b> Option C  <b>Answer 38:</b> Option C</p>
<p><b>Answer 39:</b> Option B  <b>Explanation:</b></p>  <p>The number of girls is either 3 or 4.  <b>Answer 40:</b> Option C  <b>Answer 41:</b> Option C  <b>Answer 42:</b> Option A  <b>Answer 43:</b> Option C</p>	<p><b>Explanation:</b></p>  <p><b>Answer 44:</b> Option C  <b>Answer 45:</b> Option D  <b>Answer 46:</b> Option B</p>	<p><b>Answer 47:</b> Option  <b>Answer 48:</b> Option C  <b>Answer 49:</b> Option B  <b>Answer 50:</b> Option</p>