HARD LEVEL

Directions (1-5): Study the following information carefully and answer the questions given below.

Ten persons are sitting in two parallel rows which is having twelve seats, containing five people each and in such a way that there is an equal distance between adjacent persons. In row I, A, B, C, D and E are seated and all of them are facing south, and in row II, P, Q, R, S and T are sitting and all of them are facing north. One seat is vacant in each row. Therefore, in the given seating arrangement each member seated in a row faces another member of the other row. All of them like a different ice-cream i.e. Vanilla, Pista, Butterscotch, Black-forest, Chocolate, Mango, Strawberry, Black-current, Oyster and Raspberry.

A sits second to left of person who likes Vanilla ice-cream and the one vacant seat which is on the extreme end is adjacent to either A or the person who likes Vanilla ice-cream. T sits one of the extreme ends of the row. There are three persons sits between T and S, who likes Pista ice-cream. Immediate neighbor of T faces B. One of immediate neighbor of B faces R, who likes Butterscotch ice-cream. There are no vacant seats adjacent to R. C likes Black-forest ice-cream and sits second to left of vacant seat. One of immediate neighbours of R is Q and he likes Chocolate ice-cream. One of immediate neighbours of Q faces D, who likes Mango ice-cream. The one who likes Strawberry ice-cream sits immediate left of the person who likes Black-current ice-cream. The one who likes Oyster ice-cream sits third to left of person who likes Raspberry ice-cream.

1). Who among following sits on the extreme end of the row?
   a. E,Q
   b. B,P
   c. B,S
   d. D,P
   e. D,T

2). Who among following likes Raspberry ice-cream?
   a. P
   b. R
   c. Q
d. T  
e. S  

3). Who among following sits second to left of T?  
   a. S  
   b. P  
   c. R  
   d. Q  
   e. None of these  

4). Who among following sits opposite to C?  
   a. P  
   b. Q  
   c. R  
   d. S  
   e. T  

5). Who among following likes Strawberry ice-cream?  
   a. A  
   b. B  
   c. C  
   d. D  
   e. E  

Directions (6-10): Study the following information carefully and answer the given questions. 

Eight people P, Q, R, S, T, U, V and W are the member of the family. Among them four are males and four are females. There are three husbands, three wives, two daughters, and two sons in the family. Each member of the family likes different Flowers i.e. Rose, Lotus, Jasmine, Sunflower, Lilly, Tulip, Marigold and Daffodil. They all are sitting around a circular table facing the centre.  

No male like Jasmine. W likes Lilly and married to the one who likes Tulip. P is the father of R and U, who is a male and likes Tulip. P and Q cannot sit adjacent to each other. All females sit together. S likes Daffodil and is sitting second to the left of her father. S is the daughter of R, who is second to the right of her son. T is not in third generation. The one who likes Marigold is married to the one who like Sunflower and neither P nor Q likes Sunflower. T likes Jasmine and is sitting between the one who likes Lotus and the one who like Marigold. V is the father of Q and is sitting between two male members.  

6). How is U related to Q? 
   a. Uncle  
   b. Father  
   c. Maternal-Uncle  
   d. Grandfather  
   e. None of these  

7). P likes which of the following Flower?  
   a. Daffodil  
   b. Tulip  
   c. Lotus
8). Which of the following pairs is not correctly matched?
   a. V – Sunflower
   b. Q – Lotus
   c. T – Jasmine
   d. P – Marigold
   e. None of these

9). Four of the following five are alike in a certain way and hence they form a group. Which one of the following does not belong to that group?
   a. Jasmine
   b. Marigold
   c. Lilly
   d. Lotus
   e. Daffodil

10). Who likes Sunflower?
   a. P
   b. Q
   c. R
   d. V
   e. None of these

Directions (Q. 11-15): Study the following information carefully and answer the given questions.

Ten Friends are sitting in two parallel rows of six seats each. One seat is vacant in each row. Shalini, Divya, Lavanya, Nivetha and Bharathi are sitting in row-1 facing south. Gayathri, Janani, Priya, Suganya and Pavithra are facing north. Each likes different cities in the world i.e. Melbourne, Vienna, Vancouver, Toronto, Calgary, Adelaide, Perth, Auckland, Helsinki and Hamburg.

- Suganya sits third to the right of Priya and likes Toronto.
- Only two people sit between Janani and the vacant seat.
- Janani does not like Calgary or Vienna.
- Pavithra does not like Calgary.
- Bharathi is not an immediate neighbour of Lavanya.
- Divya likes Hamburg. The one who likes Vancouver faces the one who likes Auckland.
- The one who likes Vancouver sits opposite to the one who sits third right of the person who sits opposite to Suganya.
- Lavanya is not an immediate neighbour of Nivetha.
- Pavithra, who likes neither Calgary nor Adelaide, does not face the vacant seat.
- Neither Suganya nor Priya sits at any of the extreme ends of the row.
- Nivetha faces Priya. Vacant seats are not opposite to each other.
- Two seats are there between Lavanya and Divya, who sits third right of the one who likes Perth.
- The one who likes Helsinki faces the one who likes Toronto.
- The friends who like the Melbourneand Auckland are adjacent to each other.
• Vacant seat of row – 1 is not an immediate neighbour of Nivetha.
• Janani sits at one of the extreme ends of the row.
• Priya does not like Melbourne and Auckland.
• Vacant seat of row-1 does not face Suganya who does not sit at any of the extreme ends of the row.

11). Which of the following is correctly matched?
   a. Nivetha – Hamburg
   b. Gayathri – Calgary
   c. Pavithra – Perth
   d. Janani – Helsinki
   e. Priya – Toronto

12). How many people will sit between Gayathri and Janani?
   a. One
   b. Two
   c. Three
   d. Four
   e. More than four

13). Which of the following city does Pavithra like?
   a. Hamburg
   b. Toronto
   c. Perth
   d. Vienna
   e. Helsinki

14). Who among the following likes Adelaide city?
   a. Pavithra
   b. Suganya
   c. Janani
   d. Nivetha
   e. None of these

15). Four among the following form a group in a certain way. Which of the following does not belong to Group?
   a. Bharathi, Hamburg
   b. Gayathri, Vancouver
   c. Janani, Calgary
   d. Divya, Helsinki
   e. Pavithra, Toronto
• Filpsh is seated at the extreme right end of the row.
• The sum of marbles with Abhil and Christ is equal to the number of marbles with Filpsh.
• Number of green marbles with Filpsh is equal to the total number of marbles with Abhil.
• Abhil has 8 marbles in total.
• Number of red marbles with Harish is equal to the number of green marbles with Deepu.
• Deepu has 12 marbles in total.
• Only Ezhil has equal number of green and red marbles.
• Sum of the number of red marbles with Abhil and green marbles with Guna is equal to the total number of marbles with Filpsh.
• Guna has 7 green marbles
• Barun has 5 red marbles.

16). How many marbles did the person seated to the immediate right of Guna had in total?
   a. 8
   b. 10
   c. 11
   d. 6
   e. 13

17). What is the position of Deepu with respect to the one who has 6 red marbles?
   a. Immediate left
   b. Immediate right
   c. Second to the left
   d. Second to the right
   e. Third to the right

18). In which of the following groups is the third person seated exactly between the first and the second person?
   a. Ezhil Harish Abhil
   b. Harish FilpshDeepu
   c. BarunAbhilDeepu
   d. GunaDeepuBarun
   e. BarunDeepuFilpsh

19). How many persons had more marbles than Barun?
   a. One
   b. Two
   c. Three
   d. Four
   e. More than four

20). Who had the second highest number of marbles?
   a. Abhil
   b. Christ
   c. Deepu
   d. Ezhil
Directions (Q.21-25): Study the following information carefully to answer the given questions:

Eight members of a family A, B, C, D, E, F, G and H are seated around a circular table facing the centre. Everyone is related to A in some manner: father, mother, wife, daughter, son, sister and brother not necessarily in the same order.

- G's neighbour is 2nd to the left of A's daughter.
- 3 persons are seated between A's daughter and C who is a female.
- B is 2nd to the right of F whose neighbour is 2nd to the left of A's sister.
- D's father is seated to the immediate right of G.
- F's brother is seated opposite to H who is B's neighbour.
- G's mother is seated opposite to A.
- B is not A's mother.

21. How is B related to G's mother?
   a. Daughter
   b. Son
   c. Father-in-law
   d. Mother-in-law
   e. Husband

22. What is the position of H with respect to A's sister?
   a. Immediate left
   b. Second to the left
   c. Immediate right
   d. Second to the right
   e. Opposite

23. Who among the following is seated to the immediate right of A's wife?
   a. A's mother
   b. A's father
   c. A's brother
   d. A's son
   e. A's daughter

24. In which of the following groups is the third person seated in between the first and the second person?
   a. CBH
   b. GAE
   c. EDF
   d. CAG
   e. DFH

25. Who among the following is A's daughter?
   a. G
   b. F
   c. D
   d. C
Directions (Q.26 - 30): Study the following information carefully and answer the questions given below.

P, Q, R, S, V, X, Y and Z are sitting around a square table in such a way that four of them sit at four corners of the square while four sit in the middle of each of the four sides. The ones who sit at the four corners face the centre while those who sit in the middle of the sides face outside. They have different heights. Two females sit in the middle of the sides and two at the corners. P sits second to the left of Y, who is tallest person in the family. Y sits in the middle of one of the sides. Wife of Z is taller than husband of S. R sits fourth to the right of his wife who is taller than wife of Z. Z who is shorter than P and his wife is not an immediate neighbor of P or Y. Q sits third to the right of her husband who is third smallest person in the family. Q does not sit at any of the corners who is shorter than husband of S. Only S sits between Q and Z. Z is the husband of P. V is a male. Z is second shortest member of the family.

26). Which of the following is true with respect to the given seating arrangement?
   a. X is a male and sits diagonally opposite to V
   b. No two males are immediate neighbors of each other
   c. V and S are immediate neighbors of each other
   d. Y and Z face each other in the seating arrangement
   e. P sits in the middle of one of the sides of the square table

27). How many people sit between third tallest person and R when counted in clockwise direction from third tallest person?
   a. One
   b. None
   c. Three
   d. Two
   e. Four

28). Who amongst the following is the wife of R?
   a. S
   b. P
   c. Q
   d. R
   e. Cannot be determined

29). What is the position of V with respect to R?
   a. Immediately to the right
   b. Second to the right
   c. Third to the right
   d. Immediately to the left
   e. Second to the left

30). If the height of P is 170cm and P+Y is 352cm that what could be the height of S?
   a. 167cm
   b. 166cm
   c. 176cm
   d. Can’t be determined
   e. None of these
Directions (31-35): Study the following information carefully and answer the given questions.

There are nine friends Varun, Maaran, Lakshman, Vinoth, Mithran, Ganesh, Rahim, Abbas and Arjun sitting around the circle. Four of them are facing away from the centre and rest is facing towards the centre. They like different sports viz. Cricket, Football, Hockey, Tennis, Volleyball, Basketball, Kabaddi, Boxing and Shooting but not necessarily in the same order.

- Arjun is second to the left of Rahim, who doesn’t like Basketball, Cricket or Kabaddi.
- Abbas likes Boxing. One who likes Hockey is fourth to the right of the one who likes Football.
- Person who likes Football is facing away from the centre.
- Rahim is fourth to the right of Ganesh, whose sitting orientation is same as Maaran.
- Maaran, who likes Volleyball is sitting fifth to the left of Vinoth, who is an immediate neighbour of Arjun.
- Mithran does not like Cricket, Basketball or Kabaddi.
- Lakshman likes Basketball, one who likes Kabaddi is facing toward the centre as Mithran faces, but they are not neighbours of each other.
- Kabaddi is not liked by Arjun. Ganesh is facing away from the centre.
- Cricket is not liked by Ganesh. One who likes Tennis is sitting second to the right of the one who likes Cricket.
- Maaran is second to the left of Varun, who likes Football.
- Arjun is in the group of Mithran in terms of sitting direction with respect to centre.
- Abbas is facing away from the centre and is second to the right of Lakshman.
- Hockey is liked by a person who is facing away from the centre.

Note: Facing the same direction means if some person faces the centre then other person faces the centre and vice versa. Also facing the opposite direction means if one person faces the centre then other person faces outward direction and vice versa.

31). How many persons sit between Arjun and Mithran? (Count from the right of Mithran)
   a. Three
   b. Four
   c. Two
   d. Five
   e. Six

32). Abbas sits third to the right of __________
   a. The one who like Football
   b. The one who likes Shooting
   c. Mithran
   d. Varun
   e. All of the above

33). Which of the following combinations is true?
   a. Maaran– Facing outside – Cricket
   b. Ganesh – Facing centre – Hockey
   c. Lakshman– Facing centre – Basketball
d. Rahim—Facing outside—Tennis

e. None of these

34). Which of the following sports like by Vinoth?

   a. Kabaddi
   b. Tennis
   c. Boxing
   d. Cricket
   e. Basketball

35). Which of the following person likes Shooting?

   a. Abbas
   b. Ganesh
   c. Varun
   d. Mithran
   e. Arjun

EASY LEVEL

Directions (Q. 36-40): Study the following information carefully to answer the given questions:

Eight friends A, B, C, D, E, F, G and H are sitting around a circular table with equal distance between them but not necessarily in the same order. Some of them are facing the centre with some face outside (i.e. opposite to centre).

C sits second to the right of F, F faces the centre. Only two people sit between C and B (either form C’s right or C’s left). G sits second to the right of C. H sits to the immediate right of B. G and B face opposite direction. Immediate neighbour of G face the same direction. Only three people sit between D and E. Neither D nor A is an immediate neighbour of F. E sits second to the right of A. Both H and E face a direction opposite to that of C.

36). How many persons sit between E and H? (Count from E, anti clockwise)

   a. Three
   b. Four
   c. Five
   d. Two
   e. Six

37). D sits to the immediate right of ________

   a. A
   b. G
   c. Both G and H
   d. C
   e. H

38). How many persons facing outside?

   a. 5
   b. 4
   c. 3
   d. 2
   e. 1
39). Which of the following statement is false?
   a. C sits immediate left of E
   b. B and D faces the same direction
   c. G sits opposite to F
   d. H sits second to the right of F
   e. There are three persons between D and E

40). Which of the following statement is true?
   a. H and C faces the same direction
   b. G is the immediate neighbour of A and C
   c. B sits third to the left of G
   d. F faces outside
   e. E sits second to the right of A

Directions (Q. 41-45): Study the following information carefully to answer the given questions:
Twelve people are sitting in two parallel rows containing six people each, in such a way that there is an equal
distance between adjacent persons. In row-1 J, K, L, M, N and O are seated and all of them are facing south. In
row-2 U, V, W, X, Yand Z are seated and all of them are facing north. Therefore, in the given seating arrangement
each member seated in a row faces another member of the other row.
M sits third to right of K. Either M or K sits at an extreme end of the line. The one who faces K sits second to right
of Y. Two people sit between V and Z. Neither V nor Z sits at an extreme end of the line. The immediate
neighbour of V faces the person who sits third to left of J. L and N are immediate neighbours of each other. W sits
second to the left of U. N does not face the immediate neighbour of X.

41). N faces the person, who is the immediate neighbour of __________
   a. U
   b. X
   c. Both U and V
   d. V
   e. Z

42). Which of the following person sits immediate right of X?
   a. No one sitting
   b. V
   c. Y
   d. U
   e. W

43). Which of the following statement is false?
   a. N sits second to the right of K
   b. L sits immediate right of N
   c. W sits at one of the extreme ends
   d. U sits immediate right of Z
   e. All the options are true

44). If ‘M’ is related to ‘V’, ‘J’ is related to ‘U’, and then which of following is ‘N’ related to?
   a. X
   b. Y
c. W
d. U
e. X

45. Which of the following statement is true?
   a. J sits second to the left of M
   b. Y faces the person who is immediate right of M
   c. Z sits second to the left of V
   d. X sits second to the right of Y
   e. W and L sitting at the extreme ends

Directions (46-50): Study the following information carefully and answer the given questions.

Eight friends P, Q, R, S, E, F, G and H are seated in a straight line but not necessarily in the same order. Some of them are facing south while some are facing north.

E sits second to the left of H. Neither E nor H sits at any of the extreme ends of the row. H is not an immediate neighbour of G. G sits third to the left of F. F sits at one of the extreme ends of the line. R sits second to the right of P. Immediate neighbours of E face opposite directions (if one neighbour faces north, then the other faces south and vice versa). Both R and S face same direction as P (if P faces north then R and S also faces north and vice versa). Immediate neighbours of G face opposite directions (if one neighbour faces north then the other faces south and vice versa). Only one person sits between G and P. Both the immediate neighbours of P face south.

46. Who sits second to the left of E?
   a. H
   b. S
   c. G
   d. R
   e. Q

47. How many persons facing South direction?
   a. Four
   b. Five
   c. Three
   d. Six
   e. Two

48. Which of the following persons sits at the extreme ends?
   a. R and F
   b. Q and R
   c. F and G
   d. S and H
   e. P and E

49. Four of the following persons form a group, which of the following person does not belong to that group?
   a. E
   b. S
   c. H
   d. F
50). Which of the following combinations is true?

a. P – Facing North

<table>
<thead>
<tr>
<th>Row I (Facing South)</th>
<th>Vacant</th>
<th>E (Vanilla)</th>
<th>C (Black-forest)</th>
<th>A (Black-current)</th>
<th>B (Strawberry)</th>
<th>D (Mango)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Row II (Facing North)</td>
<td>Vacant</td>
<td>S (Pista)</td>
<td>P (Oyster)</td>
<td>R (Butterscotch)</td>
<td>Q (Chocolate)</td>
<td>T (Raspberry)</td>
</tr>
</tbody>
</table>

b. R – Facing North
c. G – Facing North
d. Q – Facing South
e. None of these

Answer Key:

Solutions (1-5):

1). Answer: E
2). Answer: D
3). Answer: C
4). Answer: A
5). Answer: B

Direction (6-10):
Directions (Q. 11-15):

<table>
<thead>
<tr>
<th>Facing South</th>
<th>Bharathi (Melbourne)</th>
<th>Nivetha (Auckland)</th>
<th>Divya (Hamburg)</th>
<th>Shalini (Helsinki)</th>
<th>Lavanya (Perth)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Facing North</td>
<td>Pavithra (Vienna)</td>
<td>Priya (Vancouver)</td>
<td></td>
<td>Gayathri (Calgary)</td>
<td>Suganya (Toronto)</td>
</tr>
</tbody>
</table>

11). Answer: b)  
12). Answer: a)  
13). Answer: d)  
14). Answer: c)  
15). Answer: e)  

Directions (Q. 16-20):

<table>
<thead>
<tr>
<th>Name</th>
<th>Red Marbles</th>
<th>Green Marbles</th>
<th>Total Marbles</th>
</tr>
</thead>
<tbody>
<tr>
<td>Abhil</td>
<td>7</td>
<td>1</td>
<td>8</td>
</tr>
<tr>
<td>Barun</td>
<td>5</td>
<td>6</td>
<td>11</td>
</tr>
</tbody>
</table>
### Seating Arrangement Questions

<p>| | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Christ</td>
<td>1</td>
<td>5</td>
<td>6</td>
</tr>
<tr>
<td>Deepu</td>
<td>8</td>
<td>4</td>
<td>12</td>
</tr>
<tr>
<td>Ezhil</td>
<td>2</td>
<td>2</td>
<td>4</td>
</tr>
<tr>
<td>Filpsh</td>
<td>6</td>
<td>8</td>
<td>14</td>
</tr>
<tr>
<td>Guna</td>
<td>3</td>
<td>7</td>
<td>10</td>
</tr>
<tr>
<td>Harish</td>
<td>4</td>
<td>3</td>
<td>7</td>
</tr>
</tbody>
</table>

**Final Arrangement:**

```
E  C  H  A  G  B  D  F
```

16). Correct Answer is: c
17). Correct Answer is: a
18). Correct Answer is: d
19). Correct Answer is: b
20). Correct Answer is: c

**Directions (Q.21-25):**

![Diagram](image)

21). Correct Answer is : c
22). Correct Answer is: b
23). Correct Answer is: b
24). Correct Answer is: d
25). Correct Answer is: c
Directions (Q. 1-5):

![Diagram showing seating arrangement of S, Z, Q, P, X, R with directions]

Y > S > P > R > Q > V > Z > X

26). Correct Answer is: e)
27). Correct Answer is: a)
28). Correct Answer is: a)
29). Correct Answer is: b)
30). Correct Answer is: c)

Direction (31-35)

31). Answer: b)
32). Answer: e)
33). Answer: c)
34). Answer: a)
35). Answer: d)
**Direction (Q 36-40):**

36. Correct Answer is: b)  
37. Correct Answer is: c)  
38. Correct Answer is: a)  
39. Correct Answer is: d)  
40. Correct Answer is: e)

**Direction (Q 41-45):**

<table>
<thead>
<tr>
<th>Facing South</th>
<th>J</th>
<th>O</th>
<th>M</th>
<th>N</th>
<th>L</th>
<th>K</th>
</tr>
</thead>
<tbody>
<tr>
<td>Facing North</td>
<td>W</td>
<td>Z</td>
<td>U</td>
<td>Y</td>
<td>V</td>
<td>X</td>
</tr>
</tbody>
</table>

41. Correct Answer is: c)  
42. Correct Answer is: a)  
43. Correct Answer is: b)  
44. Correct Answer is: e)  
45. Correct Answer is: d)  

**Direction (Q 46-50):**

<table>
<thead>
<tr>
<th>Persons</th>
<th>R</th>
<th>H</th>
<th>P</th>
<th>E</th>
<th>G</th>
<th>Q</th>
<th>S</th>
<th>F</th>
</tr>
</thead>
<tbody>
<tr>
<td>Facing Direction</td>
<td>South</td>
<td>South</td>
<td>South</td>
<td>South</td>
<td>North</td>
<td>North</td>
<td>South</td>
<td>North</td>
</tr>
</tbody>
</table>

46. Correct Answer is: e)  
47. Correct Answer is: b)  
48. Correct Answer is: a)
49). Correct Answer is: d)
50). Correct Answer is: c)