

UPSC CSAT DPP 16 - Reasoning

Q1 Six persons 'P', 'Q', 'R', 'S', 'T' and 'U' are standing in a circle, facing towards the centre. 'P' is exactly between 'Q' and 'T', 'S' is exactly between 'T' and 'U'. 'Q' is to the left of 'R'. Who is standing to the left of 'S'?

- (A) T (B) U
(C) Q (D) R

Directions (2-5) Read the following passage and answer the given questions.

Direction for the next 4 (four) items: Answer the questions based on the information given below.

A family of 11 members 'P', 'Q', 'R', 'S', 'T', 'U', 'V', 'W', 'X', 'Y' & 'Z' is sitting (facing North) on a bench to watch a cricket match.

- 'S' is immediate right of 'W', who is 3rd to the right of 'X'.
- 'Y' is sitting exactly between 'Q' and 'P' and 3rd to the left of 'V'.
- 'T' sits at one of the ends, and 'P' is second to the right of 'T'.
- 'R' is sitting second to the left of 'S', who is sitting next to the left of 'U'.

Q2 Which of the following people are sitting to the right of 'R'?

- (A) XWS (B) WSU
(C) ZPY (D) ZXQ

Q3 Who are immediate neighbours of 'Q'?

- (A) 'Y' and 'X' (B) 'R' and 'W'
(C) 'P' and 'W' (D) 'V' and 'P'

Q4 Who is occupying the centre place?

- (A) X (B) W
(C) V (D) Q

Q5 With respect to the above arrangement, which of the following statements is not correct?

- (A) There are 5 persons between 'P' and 'W'
(B) 'R' is between 'V' and 'W'
(C) 'U' is sitting at the left end
(D) 'Y' and 'Z' are immediate neighbours of 'P'

Directions (6-8) Read the following passage and answer the given questions.

Direction for the next 3 (three) items: Answer the questions based on the information given below.

Seven persons 'A', 'B', 'C', 'D', 'E', 'F' and 'G' are sitting in a circle facing the centre, according to the following arrangement:

- 'E' is sitting exactly between 'A' and 'D'.
- 'G' is not exactly between 'F' and 'C'.
- 'A' is to the immediate left of 'F'.
- 'G' is second to the right of 'B'.

Q6 Which of the following does not have the pair of persons sitting adjacent to each other?

- (A) BF (B) DG
(C) BD (D) GC

Q7 Which of the following pairs has the second person sitting immediately to the right of the first?

- (A) 'C' and 'B' (B) 'C' and 'D'
(C) 'G' and 'D' (D) 'D' and 'G'

Q8 What is the position of 'B'?

- (A) Second to the left of 'G'
(B) Second to the left of 'A'
(C) To the immediate left of 'F'
(D) To the immediate right of 'C'

Directions (9-10) Read the following passage and answer the given questions.

Direction for the next 2 (two) items: Answer the questions based on the information given



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below.

Five sisters namely 'A', 'B', 'C', 'D' and 'E' are sitting in the first row to watch a movie facing South. The centre position is occupied by 'B'. 'A' is sitting at the corner which is at right side of 'B'. 'E' and 'C' are sitting on one side of 'B'. 'A' and 'C' have two persons sitting between them.

Q9 Who are the immediate neighbours of 'B'?

(A) 'A', 'C'

(B) 'C', 'E'

(C) 'A', 'D'

(D) 'D', 'C'

Q10 Who is sitting exactly between 'A' and 'B'?

(A) C

(B) E

(C) D

(D) None of the above



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Answer Key

Q1 (B)

Q2 (B)

Q3 (A)

Q4 (A)

Q5 (C)

Q6 (C)

Q7 (C)

Q8 (A)

Q9 (D)

Q10 (C)



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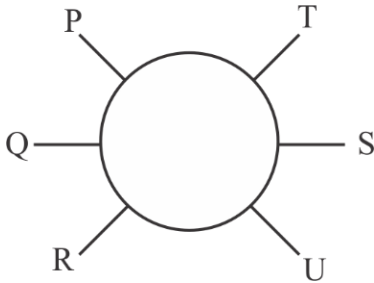
Hints & Solutions

Q1 Text Solution:

Ans: (b)

Explanation:

Based on the given information, we can make the following standing arrangement:



Clearly, 'U' is standing to the left of 'S'.

Hence, option (b) is correct.

Q2. Text Solution:

Ans: (b)

Explanation:

From Statement 3: 'T' must be at left end because 'P' is to the right of 'T'.

T _ P _ _ _ _

From statement 2: 'Y' is exactly between 'Q' and 'P' since 'T' is at end. 'Q' cannot be at first place and it has to be on the right side of 'P' and 'Y' is 3rd to the left of 'V'.

I _ P Y Q _ V _ _ _

From statement 1: 'S' is on the immediate right of 'W', who is 3rd to the right of 'X'.

So, 'W' is 3rd and 'S' is 4th to the right of 'X' that is only possible when 'X' sits in the middle.

I _ P Y Q X V _ W S _

From statement 4: 'U' is next to the right of 'S', 'R' sits second to the left of 'S' and the remaining one will be 'Z'.

The arrangement will be:

I Z P Y Q X V R W S U

Clearly, 'W', 'S' and 'U' are sitting to the right of 'R'.

Hence, option (b) is correct.

Q3. Text Solution:

Ans: (a)

Explanation:

From the final arrangement we can say that, the immediate neighbours of 'Q' are 'Y' and 'X'.

Hence, option (a) is correct.

Q4. Text Solution:

Ans: (a)

Explanation:

From the final arrangement we can say that, the centre stage is occupied by 'X'.

Hence, option (a) is correct.

Q5. Text Solution:

Ans: (c)

Explanation:

From the final arrangement we can say that, we can see that 'U' is sitting at the right end.

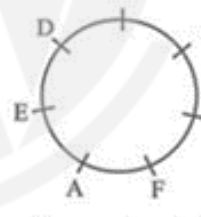
Hence, option (c) is correct.

Q6. Text Solution:

Ans: (c)

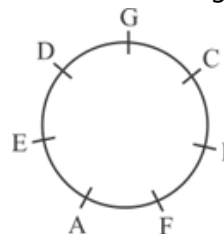
Explanation:

'A' is to the immediate left of 'F', and 'E' is exactly between 'A' and 'D':



'G' is not exactly between 'F' and 'C' (there is one person between 'F' and 'C' which has to be 'B')

∴ The final arrangement is:



Clearly, in the above arrangement, 'B' and 'D' are not sitting adjacent to each other.

Hence, option (c) is correct.

Q7. Text Solution:

Ans: (c)



Explanation:

From the final arrangement 'D' is sitting immediately to the right of 'G'.

Hence, option (c) is correct.

Q8. Text Solution:

Ans: (a)

Explanation:

From the above arrangement, 'B' is sitting second to the left of 'G'.

Hence, option (a) is correct.

Q9. Text Solution:

Ans: (d)

Explanation:

Facing South:



'B' is at the Centre:

__ B __

'A' is at the corner and sitting towards right of 'B'.

A _ B _ _

'E' and 'C' are sitting on one side of 'B' means 'D' has to be between 'A' and 'B'.

A D B _ _

'A' and 'C' have two persons sitting between them.

∴ The arrangement will be:

A D B C E

Clearly, 'D' and 'C' are immediate neighbours of 'B'.

Hence, option (d) is correct.

Q10. Text Solution:

Ans: (c)

Explanation:

From the final sitting arrangement, 'D' is sitting exactly between 'A' and 'B'.

Hence, option (c) is correct.



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