Who is the Royal Challengers Bangalore player?

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MODEL QUESTIONS

Directions (Q.No.1-5): Read the following information carefully and answer the questions given below:

Eight cricket players - Hemanth, Krishna, Ramesh, Babu, Bhargav, Ashok, Naresh and Mahesh - are sitting around a circular table. Three of them are facing outside the centre. Hemanth, Naresh, Mahesh and Ramesh are the captains of the four Indian Domestic cricket tournaments while the others are part of the players of IPL teams. List of Indian Domestic tournaments are Ranji Trophy, Irani Trophy, Duleep Trophy and Vijay Hazare Trophy while that the list of IPL teams are Kolkata Knight Riders(KKR), Mumbai Indians, Royal Challengers Bangalore (RCB) and Rajasthan Royals.

Mahesh, a captain of Duleep Trophy is opposite to Babu, a player of Rajasthan Royals and exactly one of them is facing the centre. Hemanth is the captain of Vijay Hazare Trophy and sits third to the right of the Mumbai Indians team player. Both face the same direction (in/out).

The Royal Challengers Bangalore (RCB) player is second to the left of Ramesh, a Irani Trophy captain, who is facing the centre. There is only Hemanth between the Rajasthan Royals player and Ashok, who is the Kolkata Knight Riders (KKR) player. Ashok is third to the left of Naresh, who is the Ranji Trophy captain and to the immediate right of the Vijay Hazare Trophy captain, who is facing outside.

The neighbours of the Royal Challengers Bangalore (RCB) player are facing the same direction. Krishna is neither the Royal Challengers Bangalore (RCB) player nor the Duleep Trophy captain.

1. Who is the Royal Challengers Bangalore (RCB) player?
   1) Mahesh   2) Krishna
   3) Naresh   4) Ramesh
   5) Bhargav

2. Who sits second to the left of Ranji trophy captain?
   1) Ashok   2) Babu
   3) Ashok   4) Hemanth
   5) Ramesh

3. Who is seated between Duleep trophy captain and Ranji Trophy captain?
   1) Babu   2) Hemanth
   3) Krishna   4) Ashok
   5) Ramesh

4. Who is Vijay Hazare trophy captain?
   1) Ashok   2) Hemanth
   3) Krishna   4) Ramesh
   5) None of these

5. Which among the following is not belongs to the group?
   1) Irani
   2) Rajasthan Royals
   3) Royal Challengers Bangalore (RCB)
   4) Vijay Hazare
   5) Kolkata Knight Riders (KKR)

Directions (Q.No.6-7): Read the information/statement given in each question carefully and answer the questions.

6. Which of the following symbol should be placed in the blank spaces respectively (in the same order from left to right) in order to complete the given expression in such a manner that makes the expression 'B > N' as well as 'D ≤ L' definitely true?
   B _ L _ O _ N _ D
   1) =. =.≤, ≥   2) >, ≥, =, >
   3) >, <, =, ≤   4) >, =, =, ≥
   5) ≥, =, =, ≥

7. Which of the following should be placed in the blank spaces respectively (in the same order from left to right) in order to complete the given expression in such a manner that makes the expression 'A < P' definitely false?
   _ ≤ _ < _ > _
   1) L, N, P, A   2) L, A, P, N
   3) A, L, P, N   4) N, A, P, L
   5) P, N, A, L

Directions (Q.No.8-10): In each question below are given four statements followed by five conclusions. You have to take the given statements to be true even if they seem to be at variance with commonly known facts. Read all the conclusions and then decide which of the given conclusions logically follows from the given statements, disregarding commonly known facts.

Statements:
Some photos are frames.
No picture is photo.
Some frames are feather.
Every photo is fine.

8. **Conclusions:**
   I. All feather being frame is a possibility
   II. All fine being picture is a possibility
   1) Only I   2) Only II
   3) Either I or II
   4) Neither I nor II
   5) None of these

9. **Conclusions:**
   I. Some fine are not frame
   II. Some feathers are not picture
   1) Only I
   2) Only II
   3) Either I or II
   4) Neither I nor II
   5) None of these

10. **Statements:**
   All Mobile is phone.
   No Gadget is Mobile.
   No phone is pencil.
   All Samsung is Gadget.
   Conclusions:
   I. All Gadget being phone is a possibility
   II. No pencil is Mobile
   III. No Samsung is Mobile
   1) Only I
   2) Only I and III
   3) All I, II and III
   4) Only I and II
   5) None of these

Directions (Q.No.11 - 15): In each of the following questions, two rows of numbers are given. The resultant number in each row is to be worked out separately based on the following rules and the questions below the rows of numbers are to be answered. The operations of numbers progress from the left to the right.Rules:

   i) If an odd number is followed by another composite odd number, they are to be multiplied.
   ii) If an even number is followed by an odd number they are to be added.
   iii) If an even number is followed by a number which is the perfect square, the even number is to be subtracted from the perfect square.
   iv) If an odd number is followed by a prime odd number, the first number is to be divided by the second number.
   v) If an odd number is followed by an even number the second one is to be subtracted from the first number.

11. I. 58 17 5   II. 85 5 a
   If 'a' is the resultant of the first row what is the resultant of second row?
   1) 255   2) 32
   3) 49   4) 34
   5) None of these

12. I. 24 64 15   II. b 11 15
   If b is the resultant of the first row, what will be the resultant of the second row?
   1) 165   2) 75
   3) 20   4) 3
   5) None of these

13. I. 7 21 3   II. c 7 33
   If c is the resultant of the first row, what will be the resultant of the second row?
   1) 40   2) 138
   3) 231   4) 80
   5) None of these

14. I. 73 34 13   II. 32 d 15
   If d is the resultant of the first row, what will be the resultant of the second row?
   1) 713   2) 50
   3) 20   4) 525
   5) None of these

15. I. 14 5 9   II. 24 e 88
   If e is the resultant of the first row, what will be the resultant of the second row?
   1) 171   2) 283
   3) 195   4) 165
   5) None of these

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KEY WITH SOLUTIONS

Directions (1 - 5):

Babu (Rajasthan Royals), Naresh (Ranji), Hemanth (Vijay), Krishna (Mumbai), Ashok (KKR), Bhargav (RCB), Ramesh (Irani), Mahesh (Duleep Trophy: Captain)

1) 5;   2) 4;
3) 3;
4) 2;
5) 4;

Directions (6 - 7) :

6) 4;
   Explanation:
   B _ L _ O _ N _ D
   Since B has to be greater than N, '<' and ≤ can't come in the first three blanks.
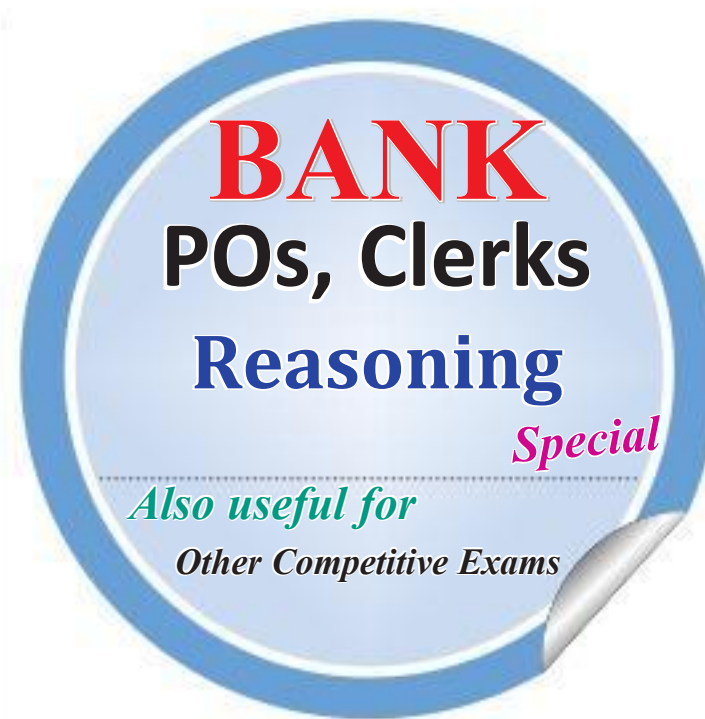   Now since D has to be ≤ L,
   L = O = N. ; B _ L = O = N _ D
   Since B > N and D ≤ L : B > L
   = O = N ≥ D

7) 5;
   Explanation:
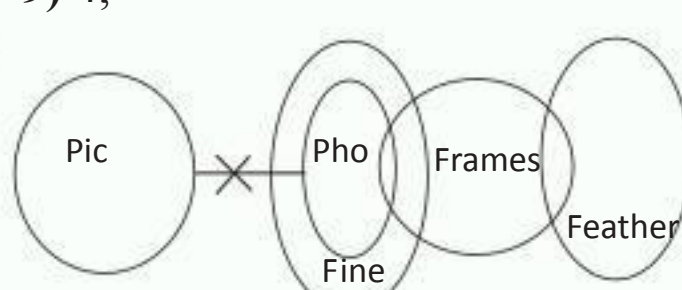   _ ≤ _ < P > _ , P cannot be at this position, as at this position P would be greater than A in every possible combination.
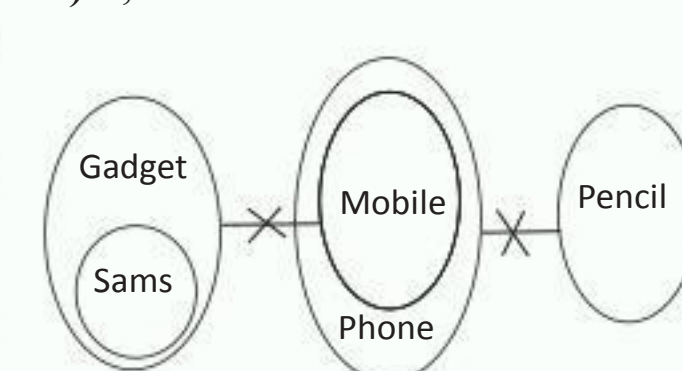
Directions (8 - 9):
8) 1;
9) 4;

10) 3;

Directions (11 - 15):
11) 1;
   Explanation:
   i) 58 + 17 = 75 [Rule II]
      75 / 5 = 15 [Rule IV]
      a = 15
   II) 85 / 5= 17 [Rule IV]
      17 * 15 = 255 [Rule I]

12) 2;
   Explanation:
   I) 64 – 24 = 40 [Rule III]
      40 + 15= 55 [Rule II]
      b = 55
   II) 55 / 11 = 5 [Rule IV]
      5 * 15 = 75 [Rule I]

13) 3;
   Explanation:
   I) 7 * 21 = 147 [Rule I]
      147 / 3 = 49 [Rule IV]
      c = 49
   II) 49 / 7 = 7 [Rule IV]
      7 * 33 = 231 [Rule I]

14) 4;
   Explanation:
   I) 73 – 34 = 39 [Rule V]
      39 / 13 = 3 [Rule IV] d = 3
   II) 32 + 3 = 35 [Rule II]
      35 * 15 = 525 [Rule I]

15) 5;
   Explanation:
   I) 14 + 5 = 19 [Rule II]
      19 * 9 = 171 [Rule I]
      e = 171
   II) 24 + 171 = 195 [Rule II]
      195 – 88 = 107 [Rule V]