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Set No 135

Directions: Study the following information carefully and answer the questions given beside:

Seven friends Anish, Bharath, Chandran, Dharan, Edwin, Farath and Gugan scored different runs in club matches from 10 to 60 in consecutive multiples of 10. Only two of them scored same runs. They like different soft drinks like Pepsi, Sprite, Coke and Mirinda. They belong to different teams like Chennai Kings, Trichy Lions, Madurai Masters and Kovai Smashers. Not more than 2 persons like same drinks or belong to same team.

Farath scored 50 runs and belongs to same team as Anish. Dharan scored runs between Anish and Bharath. Anish scored lesser than Gugan. Gugan belongs to Madurai Masters and scored same runs as Chandran. The one who scored 30 runs does not like Sprite. The one who scored the lowest runs belongs to Trichy Lions. Edwin scored 60 runs and likes Pepsi and belongs to Trichy lions. Anish belongs to either Chennai Kings or Trichy Lions. The one who likes Coke does not belong to Chennai Kings. One of the persons who belongs to Chennai Kings likes Sprite. Two of them, who like Coke, scored 10 and 20 runs. Bharath and Dharan like same soft drink. The one who likes Mirinda belongs to Kovai Smashers and is the only one who likes this soft drink and belongs to this team.

1. Who among the following belongs to team Chennai Kings?

- A. Farath B. Bharath C. Chandran D. Dharan E. None of these

2. Who among the following scored 20 runs?

- A. Farath B. Bharath C. Chandran D. Dharan E. Anish

3. Which of the following statements is/are true?

- I. Dharan belongs to Trichy Lions and scored 20 runs
- II. Sum of runs scored by Anish and Bharath together is equal to Farath
- III. Farath and Gugan like same drinks and the difference between their runs scored is 10.

- A. Only II and III B. Only I and II C. Only II D. Only III E. None is true

4. Which of the following combinations is true?

- A. Farath-Pepsi-50 Runs B. Bharath & Anish-Chennai Kings C. Gugan and Chandran-30 Runs
D. Dharan-Madurai Masters-Coke E. None of these

5. What is the difference between the runs scored by the players of Madurai Masters and the runs scored by the players of Chennai Kings?

A. 50 Runs

B. 40 Runs

C. 20 Runs

D. 30 Runs

E. None of these

Correct Answers:

1	2	3	4	5
A	D	D	D	C

Common explanation:

References:

Edwin scores 60 runs and likes Pepsi and belongs to Trichy lions.

Farath scores 50 runs and belong to same team as Anish.

Gugan belongs to Madurai Masters and scored same runs as Chandran.

Inferences:

From above statements

All the above information are given directly, by using we get initial table as follows,

Person	Soft Drinks	Teams	Runs	Hints
Anish				Anish/Farath same team
Bharath				
Chandran				Gugan/Chandran same runs
Dharan				
Edwin	Pepsi	Trichy Lions	60	
Farath			50	Anish/Farath same team
Gugan		Madurai Masters		Gugan/Chandran same runs

References:

Not more than 2 persons like same drinks or belong to same team.

Anish belongs to either Chennai Kings or Trichy Lions.

The one who likes Coke does not belong to Chennai Kings.

Bharath and Dharan like same soft drinks.

The one who likes Mirinda belongs to Kovai Smashers and is the only one who likes this soft drink and belongs to this team.

Inferences:

From above statements

If Anish belongs to Trichy Lions, and then Anish, Edwin and Farath belong to Trichy Lions which is not possible. As per condition maximum two persons can be in the same team.

Therefore, we conclude that Anish belongs to Chennai Kings and doesn't like Coke.

Thus both Anish and Farath belong to Chennai Kings. Note: Farath also doesn't like Coke.

It is given that, only one person is like to drink Mirinda and he must belong to Kovai Smashers.

Given, Bharath and Dharan are like to have same drinks. Therefore, Chandran must belong to Kovai Smashers and he likes Mirinda.

By using information we get the following table,

Person	Soft Drinks	Teams	Runs	Hints
Anish		Chennai Kings		Coke
Bharath				Bharath/Dharan same drinks
Chandran	Mirinda	Kovai Smashers		Gugan/Chandran same runs
Dharan				Bharath/Dharan same drinks
Edwin	Pepsi	Trichy Lions	60	
Farath		Chennai Kings	50	Coke
Gugan		Madurai Masters		Gugan/Chandran same runs

References:

Players score different runs in club matches from 10 to 60 in consecutive multiples of 10.

Dharan scores runs between Anish and Bharath.

The one who scores the lowest runs belongs to Trichy Lions.

Two of them, who like Coke score 10 and 20 runs.

Inferences:

From above statements

The runs scored by the players are 10, 20, 30, 40, 50 and 60 [Consecutive multiples of 10] and two of them scored same runs.

Here, Dharan can't be the lowest scorer [10 runs]. It is given that he scored runs between Anish and Bharath. Therefore he doesn't belong to Trichy Lions.

From above table, Bharath belong to Trichy Lions and he scored 10 Runs.

Finally, Dharan belongs to Madurai Masters (Only possibility)

Given, two of them, who likes Coke scores 10 and 20 runs. Here, 10 run scored by Bharath. Also given that, both Bharath and Dharan like same drinks. Therefore, we easily conclude that, Bharath [Scored 10 runs] and Dharan [Scored 20 runs] and they likes Coke drinks.

Now, Bharath scored 10 runs and Dharan scored 20 runs. Therefore Anish must score 30 runs. By this Dharan score [20 runs] is between Bharath and Dharan.

By using information we get the following table,

Person	Soft Drinks	Teams	Runs	Hints
Anish		Chennai Kings	30	Coke
Bharath	Coke	Trichy Lions	10	Bharath/Dharan same drinks
Chandran	Mirinda	Kovai Smashers		Gugan/Chandran same runs
Dharan	Coke	Madurai Masters	20	Bharath/Dharan same drinks
Edwin	Pepsi	Trichy Lions	60	
Farath		Chennai Kings	50	Coke
Gugan		Madurai Masters		Gugan/Chandran same runs

References:

Anish scored less runs than Gugan.

The one who scores 30 runs does not like Sprite.

One of the persons who belongs to Chennai Kings likes Sprite.

Inferences:

From above statements,

Now, Chandran and Gugan scored 40 runs [On condition Anish (30 runs) < Gugan (40 runs)]

Anish (30 runs) & belongs to Chennai Kings and doesn't like Sprite. Then he must like Pepsi drinks. Finally, Farath and Gugan like Sprite drinks. Thus we get the completed table.

Person	Soft Drinks	Teams	Runs	Hints
Anish	Pepsi	Chennai Kings	30	Coke
Bharath	Coke	Trichy Lions	10	Bharath/Dharan same drinks
Chandran	Mirinda	Kovai Smashers	40	Gugan/Chandran same runs
Dharan	Coke	Madurai Masters	20	Bharath/Dharan same drinks
Edwin	Pepsi	Trichy Lions	60	
Farath	Sprite	Chennai Kings	50	Coke
Gugan	Sprite	Madurai Masters	40	Gugan/Chandran same runs

Answers :

1. The following common explanation, we get "**Farath-Chennai Kings**".

Hence, option A is correct.

2. The following common explanation, we get "**Dharan-20 runs**".

Hence, option D is correct.

3. The following common explanation, we get "**Only III**".

Farath & Gugan likes Sprite.

Difference, Farath=50, Gugan=40 (50-40 =10 runs)

Hence, option D is correct.

4. The following common explanation, we get "**Dharan-Madurai Masters-Coke**".

Hence, option D is correct.

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5. The following common explanation, we get "**20 Runs**".

Madurai Masters [Dharan-20 & Gungan-40], Sum = $20 + 40 = 60$

Chennai Kings [Anish-30 & Farath-50], Sum = $30 + 50 = 80$

Difference = $80 - 60 = 20$ Runs

Hence, option C is correct.

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