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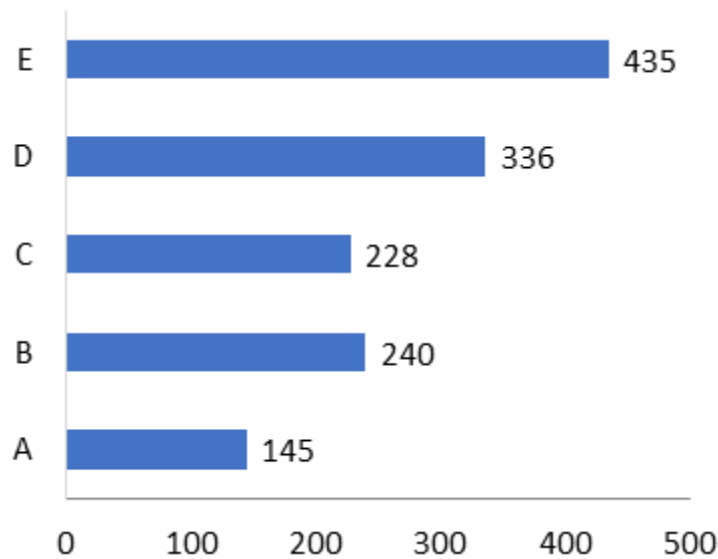
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Date Interpretation Mixed Chart Questions for SBI PO Pre, RRB Scale I Pre, IBPS PO Pre, SBI Clerk Mains, Canara Bank PO, Syndicate Bank PO and IBPS Clerk Mains Exams.

DI Mixed Chart Quiz 62

Directions : Study the following bar and table chart carefully and answer the questions given beside.

The bar graph given below gives the information about the total runs scored by top five players in the Asia cup tournament 2018. The table given below gives the information about batting strike rate of each player in the tournament.



Player	A	B	C	D	E
Batting Strike Rate	$48\frac{1}{3}$	75	200	150	125

$$\text{Batting strike rate} = (\text{Total runs scored} \times 100) / \text{Total balls faced}$$

1. The number of balls faced by the player C was how many less than that by Player D?

- A. 115 B. 120 C. 110 D. 95 E. None of these

2. What was the average of the number of balls faced by all the players together?

- A. 265.8 B. 261.2 C. 248.6 D. 272.4 E. None of these

3. Which of the following player had faced highest number of balls?

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

4. If we combine the scores of A and E together then approximately what will be the new strike rate?

- A. 85 B. 100 C. 110 D. 90 E. 94

5. What is the difference between the average of runs scored by all the players together to the average of balls faced by all the players together?

- A. 15.6 B. 14.4 C. 18.8 D. 24.6 E. None of these

Correct Answers:

1	2	3	4	5
C	B	C	D	A



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Common explanation :

Player	A	B	C	D	E
Batting Strike Rate	145/3	75	200	150	125
The number of balls faced	Total runs scored $\times 100$ /batting strike rate = $145 \times 100/(145/3)$ = 300	$240 \times 100/75$ = 320	$228 \times 100/200$ = 114	$336 \times 100/150$ = 224	$435 \times 100/125$ = 348



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Explanations:

1. The number of balls faced by Player C = 114

The number of balls faced by Player D = 224

The required difference = $224 - 114 = 110$

Hence, option C is correct.

2. The sum of balls faced by all the players together = $(300 + 320 + 114 + 224 + 348) = 1306$

The reqd. average = $\frac{1306}{5} = 261.2$

Hence, option B is correct.

3. From the above table, it is clear that the player E had faced highest number of balls

Hence, option C is correct.

4. The number of runs scored by the player A and E together = $145 + 435 = 580$

The number of balls faced by A and E together = $300 + 348 = 648$

The reqd. answer = $\frac{580 \times 100}{648} = 89.5 = \text{approximately } 90$

Hence, option D is correct.

5. The sum of the runs scored by all the players together = $435 + 336 + 228 + 240 + 145 = 1384$

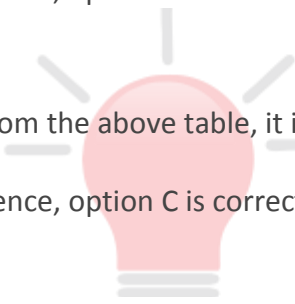
The average = $\frac{1384}{5} = 276.8$

The sum of balls faced by all the players together = $(300 + 320 + 114 + 224 + 348) = 1306$

The reqd. average = $\frac{1306}{5} = 261.2$

The required answer = $276.8 - 261.2 = 15.6$

Hence, option A is correct.





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