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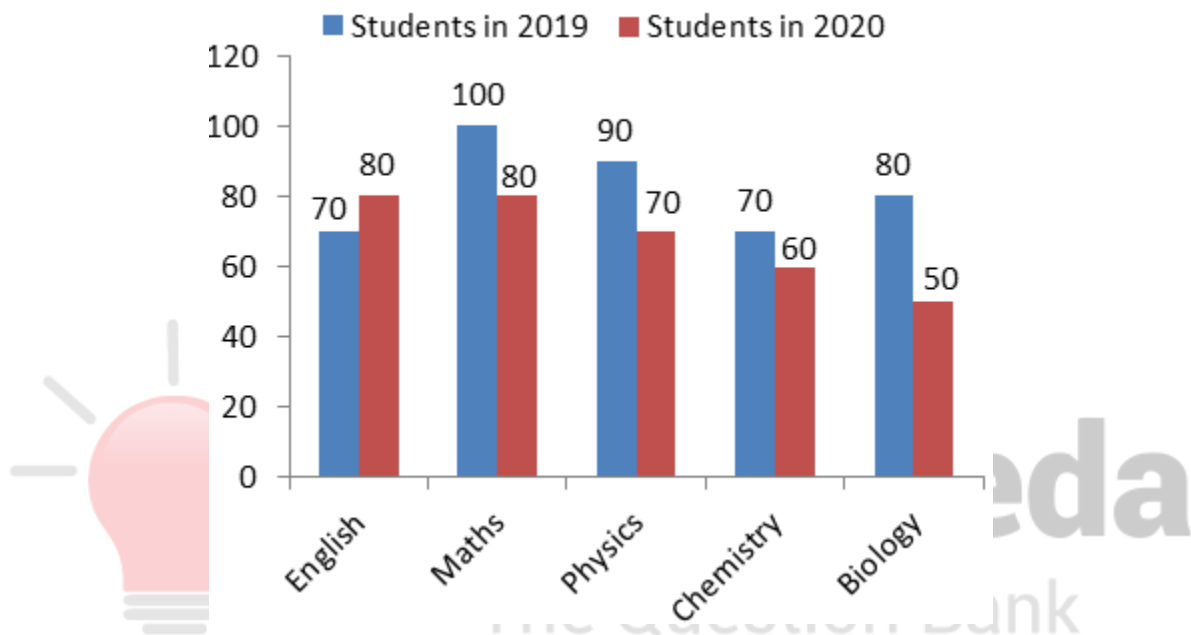
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DI Bar Chart Questions for SBI Clerk Pre, IBPS Clerk Pre, LIC Assistant Pre and IBPS RRB Assistant Pre Exams.

DI Bar Chart No.69

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

The bar diagram shows the number of students who opted for the different subjects in the year 2019 and 2020.



1. What is the average of the number of students who opted for Physics over the two years?

- A. 70 B. 80 C. 82 D. 84 E. None of these

2. Difference in the number of students in both the years is maximum in which of the following subject -

- A. Maths B. Chemistry C. English D. Biology E. Physics

3. By how much percentage is the number of students who opted for Chemistry in 2019 more than the number of students who opted for Biology in 2020?

- A. 20% B. 30% C. 50% D. 40% E. None of these

4. The ratio of the average of the students who opted for Biology for both the years to the average of the students who opted for English and Maths in 2020 is

- A. 16 : 13 B. 13 : 19 C. 19 : 13 D. 13 : 16 E. None of these

5. What is the sum of the total number of students who opted for different subjects in 2019 and only maths in 2020?

- A. 750 B. 410 C. 340 D. 490 E. 330

Correct Answers:

1	2	3	4	5
B	D	D	D	D



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Explanations :

1. Students in the year 2019 who opted for Physics = 90

Students in the year 2020 who opted for Physics = 70

$$\text{Reqd. average} = \frac{90 + 70}{2} = 80$$

Hence, option B is correct.

2. Difference in the number of students who opted English = $80 - 70 = 10$

Difference in the number of students who opted Maths = $100 - 80 = 20$

Difference in the number of students who opted Physics = $90 - 70 = 20$

Difference in the number of students who opted Chemistry = $70 - 60 = 10$

Difference in the number of students who opted Biology = $80 - 50 = 30$

Maximum difference is for Biology.

Hence, option D is correct.

3.

$$\text{Reqd. \%} = \frac{70 - 50}{50} \times 100 = \frac{20}{50} \times 100 = 40\%$$

Hence, option D is correct.

4. Average of the students who opted for Biology for both the years

$$= \frac{80 + 50}{2} = \frac{130}{2}$$

Average of the students who opted for English and Maths in 2020

$$= \frac{80 + 80}{2} = \frac{160}{2}$$

$$\text{Reqd. ratio} = \frac{130}{160} = 13 : 16$$

Hence, option D is correct.

5. Total students who opted for different subjects in 2019 = $70 + 100 + 90 + 70 + 80 = 410$

Students who opted for maths only in 2020 = 80

So required total = $410 + 80 = 490$

Hence, option D is correct.



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