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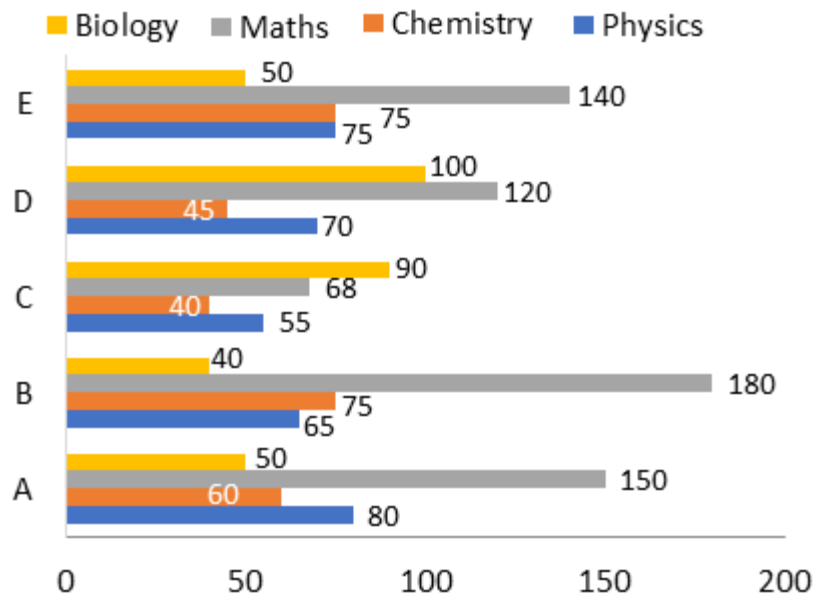
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Date Interpretation Mixed Chart Questions for IBPS PO Pre, RRB Scale I Pre, SBI PO Pre, IBPS Clerk Mains, IBPS SO Pre, Canara Bank PO, Syndicate Bank PO and SBI Clerk Mains Exams.

DI Mixed Chart Quiz 60

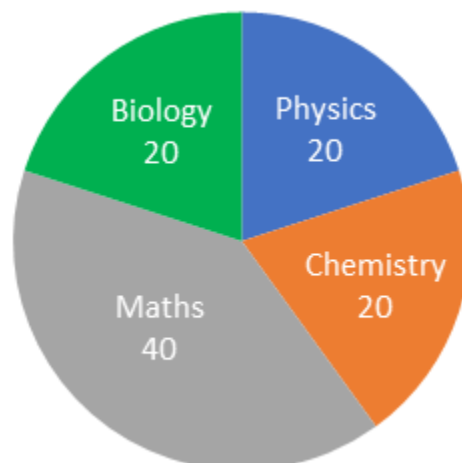
Directions : Study the following bar and pie chart carefully and answer the questions given beside.

The bar graph given below gives the information about the number of marks obtained by five different students, A, B, C, D and E in four different subjects Physics, Chemistry, Maths and Biology in an examination.



The pie chart given below gives the information about percentage distribution of maximum marks of each subject over the total marks.

Maximum total marks = 500



1. The total number of marks obtained by B was how much more than that by the student who had scored lowest in all the subjects together?

- A. 109 B. 107 C. 111 D. 108 E. None of these

2. If any of the students scored less than 35% in any of the subjects or overall then he will be declared as failed. How many of the students had failed in the examination?

- A. 0 B. 2 C. 3 D. 1 E. 4

3. If a student scored overall above 70% then his division will be FCD (First class with distinction). How many of the students have got FCD?

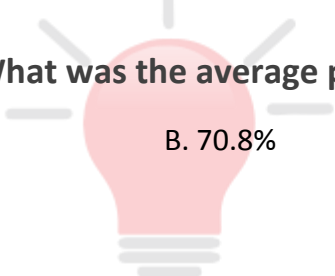
- A. 2 B. 3 C. 4 D. 5 E. 1

4. What percentage of total marks did A score in the examination?

- A. 69% B. 70% C. 68% D. 65% E. None of these

5. What was the average percentage of marks obtained by all the students in Maths?


- A. 71.2% B. 70.8% C. 64.8% D. 65.8% E. None of these



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Correct Answers:

1	2	3	4	5
B	D	E	C	D

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Explanations:

1. The total marks of B = $65 + 75 + 180 + 40 = 360$

The total marks of C = $55 + 40 + 68 + 90 = 253$ (lowest marks)

The required difference = $360 - 253 = 107$

Hence, option B is correct.

2. From the pie chart, Maximum marks of physics = Max marks of Chemistry = Max marks of Bio = 20% of 500 = 100

Max marks of Maths = 40% of 500 = 200

35% of 200 = 70

35% of 100 = 35

From the bar chart, it is clear that only one student (C) has scored less than 70 in maths and none of the students has scored less than 35% in any other subjects or overall

Hence, option D is correct.

3. The total marks = 500

The total marks of A = $80 + 60 + 150 + 50 = 340$

The total marks of B = $65 + 75 + 180 + 40 = 360$

The total marks of C = $55 + 40 + 68 + 90 = 253$

The total marks of D = $70 + 45 + 120 + 100 = 335$

The total marks of E = $75 + 75 + 140 + 50 = 340$

70% of 500 = 350

It is clear that, only one student B has scored above 350 i.e. above 70%

Hence, option E is correct.

4. The total marks of A = $80 + 60 + 150 + 50 = 340$

$$\text{The reqd. \%} = \frac{340 \times 100}{500} = 68\%$$

Hence, option C is correct.

5. The average of marks obtained by all the students

$$= \frac{150 + 180 + 68 + 120 + 140}{5} = \frac{658}{5} = 131.6$$

$$\text{The reqd. \%} = \frac{131.6 \times 100}{200} = 65.8\%$$

Hence, option D is correct.



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