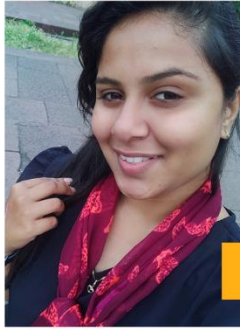


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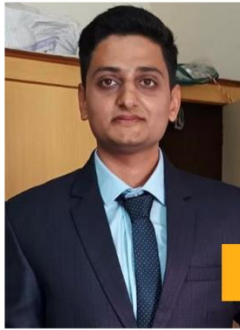
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# DI table Chart Questions for SBI Clerk Pre, IBPS Clerk Pre, LIC Assistant Pre and IBPS RRB Assistant Pre Exams.

## DI Table Chart No. 124

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

Table shows the classification of 80 students based on the marks obtained by them in three different subjects – Maths, Physics and Chemistry.

Maximum marks = 100, Total students = 80

Marks→ Subjects↓	80 and above marks	60 and above marks	40 and above marks	20 and above marks	0 and above marks
Maths	4	12	70	75	80
Physics	3	18	40	75	80
Chemistry	7	15	35	60	80

1. How many students get 40 marks and above but less than 80 marks in all individual subjects?

- A. 131      B. 121      C. 141      D. 151      E. 127

2. Number of students who got 40 marks and above in Chemistry is what percentage of the number of students who got less than 60 marks in Maths?

- A. 41.47%      B. 31.47%      C. 51.47%      D. 55.47%      E. 61.47%

3. If passing marks in each subject is 40, then find the percentage of students passed in Chemistry?

- A. 40.75%      B. 47.74%      C. 42.74%      D. 43.75%      E. 44.75%

4. Find the ratio of the number of students who got less than 20 marks in Maths to the number of students who got less than 40 marks in Chemistry?

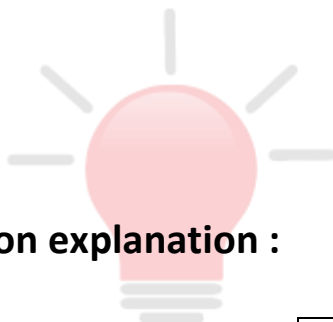
- A. 1 : 7      B. 1 : 9      C. 1 : 6      D. 1 : 5      E. 1 : 8

5. Find the average number of students who got less than 60 marks in Maths, Physics and Chemistry together?

- A. 62      B. 63      C. 64      D. 60      E. 65

Correct Answers:

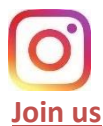
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>
A	C	D	B	E



Common explanation :

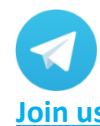
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	<b>Maths</b>	<b>Physics</b>	<b>Chemistry</b>
0-19	5	5	20
20-39	5	35	25
40-59	58	22	20
60-79	8	15	8
80 & above	4	3	7



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## Answers :

1. Students getting 40 and above marks =  $70 + 40 + 35 = 145$

Students getting 80 and above marks =  $4 : 3 : 7 = 14$

Students getting 40 and above marks but less than 80 marks =  $145 - 14 = 131$

Hence, option A is correct.

2. Students getting 40 marks and above in Chemistry = 35

Students who get 60 marks and above in Maths = 12

Students who get less than 60 marks in Maths =  $80 - 12 = 68$

$$\text{Reqd. \%} = \frac{35 \times 100}{68} = 51.47\%$$

Hence, option C is correct.

3. Students getting 40 marks and above in Chemistry = 35

$$\text{Reqd. \%} = \frac{35 \times 100}{80} = 43.75\%$$

Hence, option D is correct.

4. Students getting 20 and above in Maths = 75

Students getting less than 20 =  $80 - 75 = 5$

Students getting 40 and above in Chemistry = 35

Students getting less than 40 =  $80 - 35 = 45$

Required ratio =  $5 : 45 = 1 : 9$

Hence, option B is correct.



5. Students getting 60 marks and above in Maths = 12

Students getting less than 60 marks in Maths =  $80 - 12 = 68$

Students getting 60 marks and above in Physics = 18

Students getting less than 60 marks in Physics =  $80 - 18 = 62$

Students getting 60 marks and above in Chemistry = 15

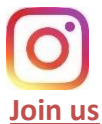
Students getting less than 60 marks in Chemistry =  $80 - 15 = 65$

$$\text{Reqd. average} = \frac{68 + 62 + 65}{3} = 65$$

Hence, option E is correct.



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