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### Maths Questions for CLAT Exam.

#### CLAT Maths Quiz 7

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

The table given below shows marks obtained by 4 students in 4 different subjects in an examination.

Subjects→ Students↓	Maths	English	Hindi	Science
Akriti	65	60	80	65
Neel	75	75	60	75
Shruti	85	55	95	85
Tanu	60	60	65	60

1. Marks scored by Tanu in Maths and Science together is what percentage of the marks obtained by Neel and Shruti in Maths together?

D. 55%



- 2. Find the ratio of total marks scored by all four students together in English to total marks scored by all students together in Hindi?
- A. 3 : 4 B. 2 : 3 C. 5 : 6 D. 1 : 5
- 3. Total marks obtained by Akriti is how much less than total marks obtained by Shruti?

4. If maximum marks for each subject are 100, then find what percentage of total marks is obtained by Tanu?

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A. 60.25% B. 60.05% C. 62.50% D. 61.25%
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5. Find the average of the marks scored by Neel in Maths, English and Hindi toge	ther?
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6. Who among the following got the highest marks in English?

A. Akriti	B. Tanu	C. Shruti	D. Neel

7. In which of the following subject Shruti got the highest marks?							
A. Ma	iths	B. English	C. Science	D. Hindi			
8.	8. Find the total marks scored by Tanu.						
A. 245	5	B. 320	C. 285	D. 270			
9.	What is the ratio of the total marks scored by Neel to that by Shruti?						
A. 64	: 57	B. 27 : 32	C. 57 : 64	D. 32 : 27			
<b>10.</b> The marks scored by Akriti in Maths and Science together is what percent less than that by her in Hindi and English together?							
A. 48/	/7	B. 45/7	C. 44/7	D. 50/7			
Corre	ct Answers:	3     4     5       C     D     D	6     7     8     9       D     D     A     0       Question Ba				
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### **Explanations :**

**1.** Marks scored by Tanu in Maths and Science = 60 + 60 = 120

Marks scored by Neel and Shruti in Maths = 75 + 85 = 160

Reqd. % = 
$$\frac{120 \times 100}{160}$$
 = 75%



Total marks obtained by all four students together in English = 60 + 75 + 55 + 60 = 250
 Total marks obtained by all four students together in Hindi = 80 + 60 + 95 + 65 = 300
 Required ratio = 250 : 300 = 5 : 6
 Hence, option C is correct.

3. Total marks obtained by Akriti = 65 + 60 + 80 + 65 = 270
Total marks obtained by Shruti = 85 + 55 + 95 + 85 = 320
Required difference = 320 - 270 = 50

Hence, option C is correct.

**4.** Marks obtained by Tanu = 60 + 60 + 65 + 60 = 245

Total marks = 400

Reqd. % =  $\frac{245 \times 100}{400}$  = 61.25%

Hence, option D is correct.



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5. Marks scored by Neel in Maths, English and Hindi = 75 + 75 + 60 = 210

Reqd. average = 
$$\frac{210}{3}$$
 = 70

Hence, option D is correct.

- 6. By observing carefully, it can be concluded that Neel got the highest marks in English. Hence, Option D is correct.
- 7. By observing carefully, it can be concluded that Shruti got the highest marks in Hindi. Hence, Option D is correct.
- 8. Reqd. Answer = 60 + 60 + 65 + 60 = 245

Hence, Option A is correct.

artkeeda 9. Total marks scored by Neel = 75 + 75 + 60 + 75 = 285

Total marks scored by Shruti = 85 + 55 + 95 + 85 = 320

Reqd. Ratio = 285 : 320 = 57 : 64

Hence, Option C is correct.

10. Marks scored by Akriti in Maths and Science = 65 + 65 = 130

Marks scored by Akriti in English and Hindi = 60+ 80 = 140

Regd. % =  $\{(140 - 130)/140\} \times 100\% = (50/7)\%$ 

Hence, Option D is correct.



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