SmartKeeda
The Question Bank

Presents

TestZone

India's least priced Test Series platform

JOIN

12 Month Plan
2017-18 All Test Series

@ Just

₹399/-
300+ Full Length Tests

- ☑ **Brilliant Test Analysis**
- ☑ **Excellent Content**
- ☑ **Unmatched Explanations**

JOIN NOW

Date Interpretation Table Chart Questions for Bank Clerk Mains Exams.

DI Table Chart Quiz 35

Direction: Study the following table carefully and answer the questions based on it.

The table shows the percentage of marks obtained by five students in five different subjects and some data is missing.

	Maths (100)	English (150)	Hindi (80)	Commerce (160)	Art (125)
Chintu	-	40%	-	65%	56%
Sheena	-	68%	85%	-	76%
Umesh	62%	-	90%	70%	-
Aryansh	88%	70%	-	-	84%
Himani	78%	-	75%	85%	-

1. If the overall percentage of marks obtained by Umesh in all the subjects is 80% and the marks obtained by Umesh in English is 26 marks more than the marks obtained by Umesh in Art, find the percentage of marks obtained by Umesh in Art.

A. 72%   B. 75%   C. 90%   D. 88%   E. None of these

2. What is the ratio of the marks obtained by Chintu in English and Commerce together to the marks obtained by Aryansh in English and Art together.

A. 75 : 109   B. 21 : 31   C. 41 : 65   D. 82 : 105   E. None of these

3. If the total marks obtained by Sheena in English, Hindi and Commerce is 290 and the total marks obtained by Himani in Math, Hindi and Art is 218, find the difference between the marks obtained by Sheena in Commerce and the marks obtained by Himani in Art.

A. 60 marks   B. 40 marks   C. 75 marks   D. 20 marks   E. None of these

4. If the marks obtained by Umesh in English is 90 and the marks obtained by Himani in English is 114, find the percentage of marks obtained by all students in English.

A. 72.8%   B. 78.8%   C. 62.8%   D. 69.8%   E. 81.8%

5. Marks obtained by Aryansh in Math and Art together is approximately how much percentage more than the marks obtained by Himani in Commerce?

A. 50%   B. 34%   C. 46%   D. 38%   E. 42%

Correct Answers:

1	2	3	4	5
D	D	B	C	E

Explanations:

1. Total maximum marks = 100 + 150 + 80 + 160 + 125 = 615 marks

Overall marks obtained by Umesh = 615 × 80% = 492

Let Marked obtained in Art = x, English = x + 26

According to the question,

100 × 62% + x + 26 + 80 × 90% + 160 × 70% + x = 492

62 + x + 26 + 72 + 112 + x = 492

2x + 272 = 492

2x = 492 − 272

2x = 220

x = 110

Marks obtained by Umesh in Art = 110

Percentage = $\frac{110}{125}$ × 100 = 88%

Hence, option D is correct.

2. Marks obtained by Chintu in English = 150 × 40% = 60

Marks obtained by Chintu in Commerce = 160 × 65% = 104

Marks obtained by Aryansh in English = 150 × 70% = 105

Marks obtained by Aryansh in Art = 125 × 84% = 105

Ratio = 60 + 104 : 105 + 105

= 164 : 210

= 82 : 105

Hence, option D is correct.

3. Marks obtained by Sheena in English = 150 × 68% = 102

Marks obtained by Sheena in Hindi = 80 × 85% = 68

Marks obtained by Sheena in Commerce = 290 − 102 − 68 = 120

Marks obtained by Himani in Math = 100 × 78% = 78

Marks obtained by Himani in Hindi = 80 × 75% = 60

Marks obtained by Himani in Art = 218 − 78 − 60 = 80

Difference = 120 − 80 = 40 marks

Hence, option B is correct.

4. Marks obtained by Chintu in English = 150 × 40% = 60

Marks obtained by Sheena in English = 150 × 68% = 102

Marks obtained by Umesh in English = 90

Marks obtained by Aryansh in English = 150 × 70% = 105

Marks obtained by Himani in English = 114

Total marks = 60 + 102 + 90 + 105 + 114 = 471

Total maximum marks = 150 × 5 = 750

Percentage = $\dfrac{471}{750} \times 100 = 62.8\ \%$

Hence, option C is correct.
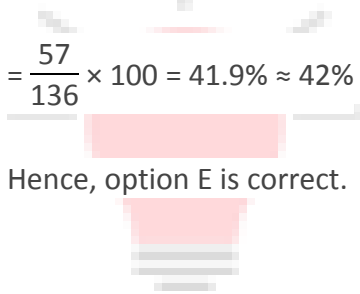

5. Marks obtained by Aryansh in Math = 100 × 88% = 88

Marks obtained by Aryansh in Art = 125 × 84% = 105

Marks obtained by Himani in Commerce = 160 × 85% = 136

% more = $\dfrac{105 + 88 - 136}{136} \times 100$

$= \dfrac{57}{136} \times 100 = 41.9\% \approx 42\%$

Hence, option E is correct.