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Date Interpretation Table Chart Questions for SBI PO Pre, IBPS PO Pre, LIC AAO, SBI Clerk Mains and IBPS Clerk Mains Exams.

DI Table Chart Quiz 87

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

The following table shows the percentage of marks obtained by 6 defence cadets in five different tests.

Tests	Physical	Written	Medical	GD	Psychology
Marks →	50	150	200	150	120
Cadets ↓					
Yudhisther	76	66	67	68	75
Bhim	62	72	58	58	65
Arjun	56	84	93	52	85
Nakul	86	52	87	66	80
Sahdev	68	68	74	72	90
Karan	78	58	83	84	85

1. What is the difference between the total marks obtained by Sahdev in Psychology, Written and GD test together and the total marks obtained by Arjun in the same tests together?

- A. 18 B. 20 C. 22 D. 16 E. 12

2. What is the ratio of the marks obtained by Bhim in all the tests to the marks obtained by Sahdev in all the tests?

- A. 25 : 21 B. 20 : 21 C. 21 : 25 D. 4 : 5 E. None of these

3. What is the average of the marks obtained by all the cadets together in Psychology test?

- A. 115.2 B. 112.5 C. 132.5 D. 120.6 E. None of these

4. What is the total marks obtained by Nakul in all the tests together?

- A. 520 B. 490 C. 450 D. 420 E. 550

5. What is the difference between the marks obtained by Yudhisther, Arjun and Nakul together in the Written test and the marks obtained by Bhim, Sahdev and Karan in Psychology test?

- A. 15 B. 20 C. 25 D. 35 E. 30

Correct Answers:

1	2	3	4	5
E	C	E	B	A

Explanations:**1. Marks obtained by Sahdev in**

Psychology = 90% of 120, Written = 68% of 150 and GD = 72% of 150

Marks obtained by Arjun in

Psychology = 85% of 120, Written = 84% of 150 and GD = 52% of 150

Required difference = [90% of 120 + (68 + 72)% of 150] – [85% of 120 + (84 + 52)% of 150]

= 90% of 120 + 140% of 150 – 85% of 120 – 136% of 150

= 5% of 120 + 4% of 150 = 6 + 6 = 12

Hence, option E is correct.

2. Marks obtained by Bhim in all the tests = 62% of 50 + 72% of 150 + 58% of 200 + 58% of 150 + 65% of 120

= 31 + 108 + 116 + 87 + 78 = 420

Similarly,

Marks obtained by Sahdev = 68% of 50 + 68% of 150 + 74% of 200 + 72% of 150 + 90% of 120

= 34 + 102 + 148 + 108 + 108 = 500

∴ Reqd. ratio = 420 : 500 = 21 : 25

Hence, option C is correct.

3.

$$\text{Reqd. average} = \frac{120 \times (75 + 65 + 85 + 80 + 90 + 85)\%}{6}$$

$$= \frac{120 \times 480}{600} = 96$$

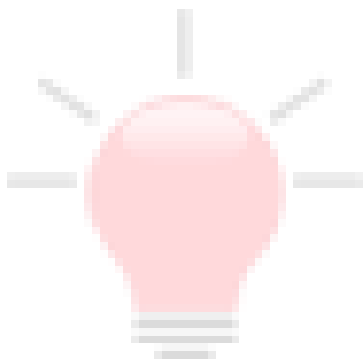
Hence, option E is correct.

4. Req'd. number = 86% of 50 + 52% of 150 + 87% of 200 + 66% of 150 + 80% of 120
= 43 + 78 + 174 + 99 + 96 = 490

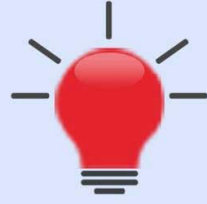
Hence, option B is correct.

5. Req'd. difference = $(66 + 84 + 52)\% \times 150 - (65 + 90 + 85) \times 120$
= 202% of 150 – 240% of 120 = 303 – 288 = 15

Hence, option A is correct.



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