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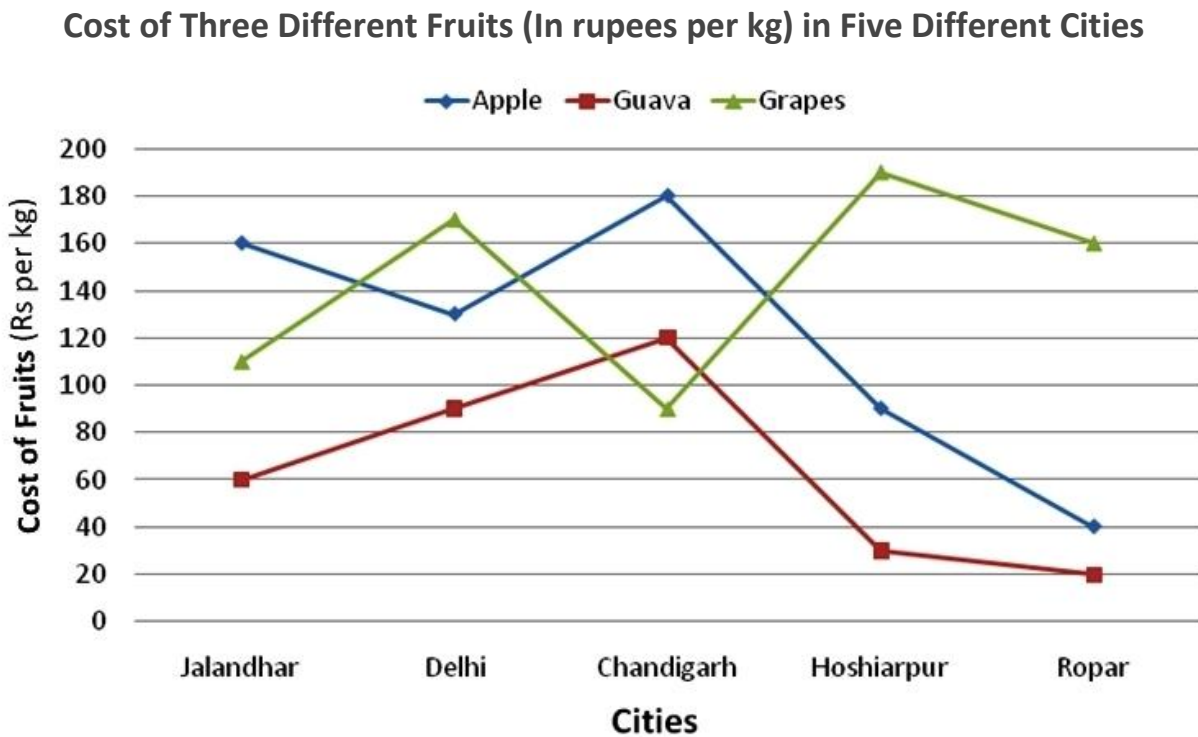
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Date Interpretation Line Chart Questions for Bank Exams – DI Line Chart Quiz at Smartkeeda.

DI Line Chart Quiz 1

Direction : Study the following graph carefully to answer the questions that follow.



1. In which city is 'the difference between the cost of 1 kg of apple and cost of 1 kg of guava second lowest?

- A. Jalandhar B. Delhi C. Chandigarh
D. Hoshiarpur E. Ropar

2. Cost of 1 kg of guava in Jalandhar is approximately what per cent of the cost of 2 kg of grapes in Chandigarh?

- A. 66 B. 24 C. 28
D. 34 E. 58

3. What total amount will Ram pay to the shopkeeper for purchasing 3 kg, of apples and 2 kg of guavas in Delhi?

A. Rs 530

B. Rs 450

C. Rs 570

D. Rs 620

E. Rs 490

4. Ravinder had to purchase 45 kg of grapes from Hoshiyapur. Shopkeeper gave him discount of 4% per kg. What amount did he pay to the shopkeeper after the discount?

A. Rs 8208

B. Rs 8104

C. Rs 8340

D. Rs 8550

E. Rs 8410

5. What is the respective ratio between the cost of 1 kg of apples from Ropar and the cost of 1 kg of grapes from Chandigarh?

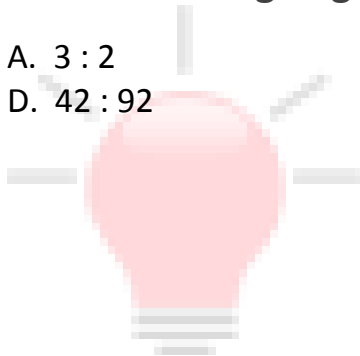
A. 3 : 2

B. 2 : 3

C. 22 : 32

D. 42 : 92

E. 92 : 42



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Correct Answers:

1	2	3	4	5
B	D	C	A	C

Explanations:

1. Difference in cost in Jalandhar = $160 - 60 = \text{Rs } 100$

Difference in cost in in Delhi = $130 - 90 = \text{Rs } 40$

Difference in cost in Chandigarh = $180 - 120 = \text{Rs } 60$

Difference in cost in Hoshiyarpur = $90 - 30 = \text{Rs } 60$

Difference in cost in Ropar = $40 - 20 = \text{Rs } 20$

So, second lowest Difference in cost in Delhi.

Hence, option B is correct.

2. Cost of 1 kg guava in Jalandhar = Rs 60

And cost of 2 kg grapes in Chandigarh = $2 \times 90 = \text{Rs } 180$

∴ Required percentage

$$= \frac{60}{180} \times 100 = 33.33 \approx 34\%$$

Hence, option D is correct.

3. Cost of 3 kg apples in Delhi

$$= 3 \times 130$$

$$= \text{Rs } 390$$

Cost of 2 kg guava in Delhi

$$= 2 \times 90$$

$$= 180$$

∴ Total amount pay by Ram

$$= (390 + 180)$$

$$= \text{Rs } 570$$

Hence, option C is correct.

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4. Cost of 1 kg grapes in Hoshiyarpur = Rs. 190

∴ Cost of 45 kg grapes = $190 \times 45 = \text{Rs. } 8550$

∴ Discount = $8550 \times \frac{4}{100} = \text{Rs. } 342$

∴ Amount pay to shopkeeper = $8550 - 342 = \text{Rs } 8208$.

Hence, option A is correct.

5. Cost of 1 kg apple is Ropar = Rs 40

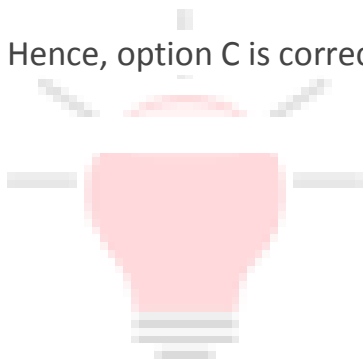
Cost of 1 kg grapes in Chandigarh = Rs 90

∴ Required ratio

$$= \frac{40}{90} = \frac{4}{9} = \frac{2^2}{3^2}$$

$$= 2^2 : 3^2.$$

Hence, option C is correct.



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