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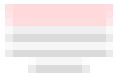
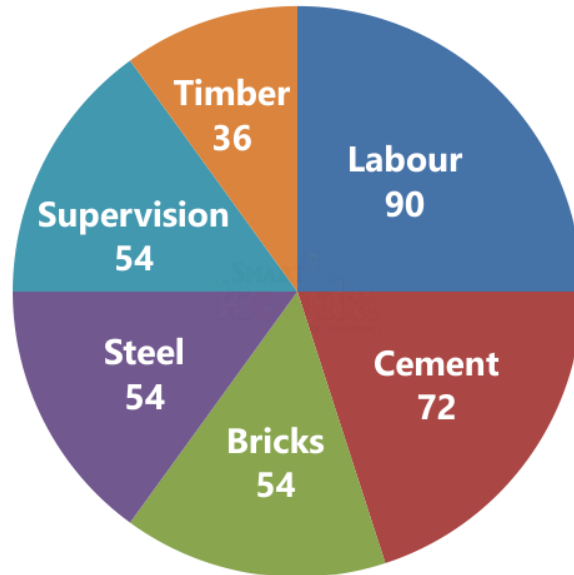
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Date Interpretation Pie Chart Questions for SSC Exams.

DI Pie Chart Quiz 5

Directions: Study the following graph carefully & answer the questions given below it.

The pie chart given below shows the break-up of the cost of construction of a house (in degrees). Assuming that the total cost of construction is Rs. 60000



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1. The amount spent on cement is

- A. 20000 B. 16000 C. 12000 D. 10000

2. The amount spent on labour exceeds the amount spent on steel by

- A. 5% of the total cost B. 10% of the total cost C. 12% of the total cost D. 15% of the total cost

3. The amount spent on cement, steel and supervision is what percent of the total cost of construction?

- A. 40% B. 45% C. 50% D. 55%

4. The amount spent on labour exceeds the amount spent on supervision by

- A. Rs. 200000 B. Rs. 160000 C. Rs. 120000 D. Rs. 6000

Correct Answers:

1	2	3	4
C	B	C	D

Explanations:

1. Total cost = Rs. 60000

Amount spent on cement

$$= \text{Rs. } \frac{72}{360} \times 60000 = \text{Rs. } 12000$$

Hence, option C is correct.

2.

$$\text{Amount spent on labour} = \frac{90}{360} \times 60000 = \text{Rs. } 15000$$

$$\text{Amount spent on steel} = \text{Rs. } \frac{54}{360} \times 60000 = \text{Rs. } 9000$$

$$\text{Difference} = 15000 - 9000 = \text{Rs. } 6000$$

i.e., 10% of the total cost.

Hence, option B is correct.

3.

$$\text{Amount spent on cement steel and supervision} = \frac{(72 + 54 + 54)}{360} \times 100\%$$

$$\therefore \text{Reqd. \%} = \frac{180}{360} \times 100\% = 50\%$$

Hence, option C is correct.

4. Difference in angle of labour and supervisor = $90^\circ - 54^\circ = 36^\circ$

$$\therefore \text{Amount} = \frac{36^\circ}{360^\circ} \times 60000 = 6000.$$

Hence, option D is correct.



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