Date Interpretation Table Chart Questions for Bank PO Pre and Clerk Mains Exams.

DI Table Chart Quiz 10

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

Total global production is 40000 cars in the given quarter

Quarterly report of a car model manufactured and sold by a company in different countries			
Country	**Share in Global Production**	**Percentage of cars sold out of the total production in respective countries**	**Selling price of one car (in lakh rupees)**
A	25%	80	6.5
B	30%	50	8.5
C	10%	70	6
D	20%	75	5.5
E	15%	60	7

1. What is the difference between the total number of cars manufactured in country A and B together and the total number of cars manufactured in country C and D together?

A. 10000 B. 12000 C. 15000 D. 6000 E. 10500

2. The total number of cars sold in country A and B together forms what percent of the total number of cars manufactured by all the countries together in that particular quarter?

A. 30% B. 35% C. 40% D. 32% E. 38%

3. What is the total number of unsold cars in the given quarter in country C and E together?

A. 2400 B. 3400 C. 3650 D. 3800 E. 3600

4. What is the ratio of sales (in rupees) of the total number of cars sold in country D to the sales (in rupees) of the total number of cars sold in country E?

A. 55 : 47 B. 52 : 47 C. 53 : 44 D. 55 : 42 E. 52 : 45

5. If the cost of manufacturing of a car in country C is Rs. 4,50,000, what is the percentage profit earned by company on a car sold by the same company?

A. $33\frac{2}{3}\%$ B. $35\frac{2}{3}\%$ C. $30\frac{1}{3}\%$ D. $35\frac{1}{3}\%$ E. $33\frac{1}{3}\%$

Correct Answers:

1	2	3	4	5
A	B	E	D	E

Explanations:

1. Share of A and B together = (25 + 30)% of 40k and that of C and D together = (10 + 20)% of 40k

Difference ⇒ 55% of 40k – 30% of 40k

⇒ (55 – 30)% of 40k

⇒ 25% of 40k = $\frac{1}{4} \times 40k = 10000$

Hence, option A is correct.

2.

Total no. of cars sold in Country A = $\frac{40000 \times 25}{100} \times \frac{80}{100} = 8000$

Total no. of cars sold in Country B = $\frac{40000 \times 30}{100} \times \frac{50}{100} = 6000$

Total no. of cars sold in (A + B) together = 8000 + 6000 = 14000

∴ Reqd. % = $\frac{14000}{40000} \times 100 = 35\%$

Hence, option B is correct.

3. Total no. of cars unsold in Country C = (100 – 70) % of 10% of Total = 30% of 10% of Total = 3% of Total

Total no. of unsold cars in Country E = (100 – 60) % of 15% of Total = 40% of 15% of Total = 6% of Total

∴ Reqd. total no. of unsold cars in (C + E) together = (3 + 6)% of Total = 9% of 40000 = 3600

Hence, option E is correct.

4.

Sales value of cars sold in Country D = $40000 \times \frac{20}{100} \times \frac{75}{100} \times 5.5$ = Rs. 33000 lakh

Sales value of cars sold in Country E = $40000 \times \frac{15}{100} \times \frac{60}{100} \times 7$ = Rs. 25200 lakh

∴ Reqd. ratio = $\frac{33000}{25200} = \frac{330}{252} = 55 : 42$

Hence, option D is correct.

5. Profit earned by Country C on a car = 600000 – 450000 = 150000

$\therefore$ Reqd. % profit = $\frac{150000}{450000} \times 100 = \frac{100}{3}\% = 33\frac{1}{3}\%$

Hence, option E is correct.