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Date Interpretation Table Chart Questions for Bank PO Mains Exams.

DI Table Chart Quiz 12

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

Six companies L, M, N, O, P and Q manufacture product which come in three models P_1 , P_2 and P_3 . The following table shows the total items manufactured by these companies and the ratios of P_1 , P_2 and P_3 among them.

Company	Total Product	$P_1 : P_2 : P_3$
L	80370	25 : 23 : 9
M	61050	19 : 15 : 21
N	77490	23 : 18 : 22
O	61880	21 : 23 : 24
P	73130	25 : 24 : 22
Q	93160	3 : 5 : 9

1. What is the total number of product P_1 manufactured by Company L and M together?
A. 51280 B. 53410 C. 54720 D. 55860 E. 56340
2. What is the difference between the total number of product P_1 and P_3 manufactured by Company P?
A. 3090 B. 3140 C. 3270 D. 3320 E. 3450
3. The total number of product P_2 manufactured by Company L is approximately what per cent of the total number products P_1 manufactured by it?
A. 23% B. 67.74% C. 92% D. 108.7% E. None of these
4. The total number product P_1 manufactured by Company O is approximately what per cent more/less that the total number product by Company Q?
A. 13.5% B. 16.25% C. 17.75% D. 19.5% E. 24%
5. What is total number of product P_2 manufactured by all six companies together?
A. 142580 B. 144270 C. 146820 D. 148360 E. None of these

Correct Answers:

1	2	3	4	5
E	A	C	B	B

Explanations:

1. Number of P_1 manufactured by L = $\frac{80370}{57} \times 35250$

Number of P_1 manufactured by M = $\frac{61050}{55} \times 19 = 21090$

\therefore Total = $35250 + 21090 = 56340$.

Hence, option E is correct.

2. Req'd. difference = $\frac{73130}{(25 + 24 + 22)} \times (25 - 22) = \frac{73130 \times 3}{71} = 3090$

Hence, option A is correct.

3. Req'd. % = $\frac{23}{25} \times 100 = 92\%$

Hence, option C is correct.

4. Number of P_1 manufactured by O = $\frac{61880}{68} \times 21 = 19110$

Number of P_1 manufactured by Q = $\frac{93160}{17} \times 3 = 16440$

Required % = $\frac{19110 - 16440}{16440} \times 100$

= $\frac{2670}{16440} \times 100 = 16.25\%$

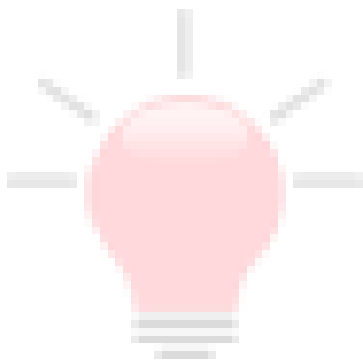
Hence, option B is correct.

5. Total no. of product P_2 manufactured by all companies

$$= 80370 \times \frac{23}{57} + 61050 \times \frac{15}{55} + 77490 \times \frac{18}{63} + 61880 \times \frac{23}{68} + 73130 \times \frac{24}{71} + 93160 \times \frac{5}{17}$$

$$= 32430 + 16650 + 22140 + 20930 + 24720 + 27400 = 144270.$$

Hence, option B is correct.



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