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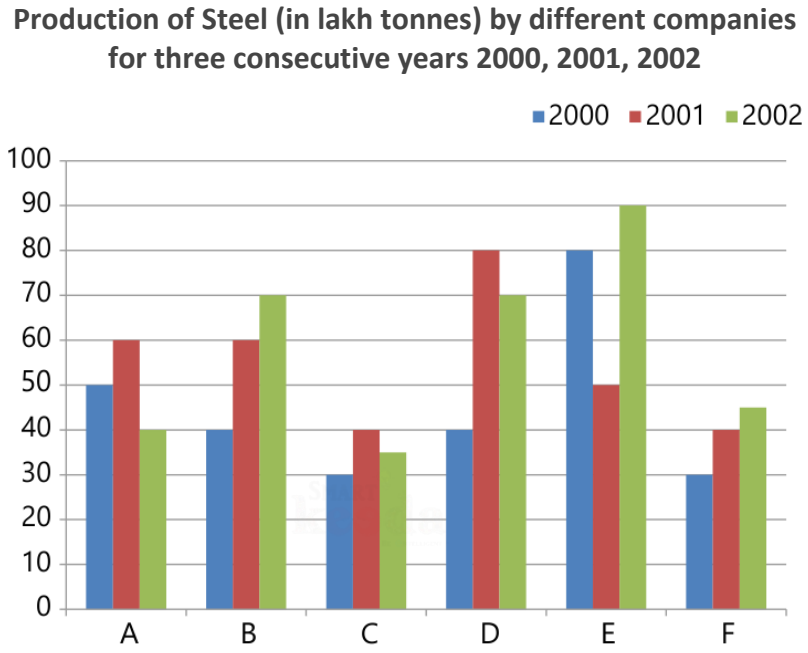
Date Interpretation Bar Graph Questions for Bank Exams.

DI Bar Chart Quiz 2

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



1. How many times minimum production and maximum production in any of the given years is equal to the ratio 2 : 3?

A. 1 B. 2 C. 3 D. Can't be determined E. None of these

2. What is the difference of average production of 2001 & 2002 in lakh tonnes?

A. 2 B. 3.3 C. 4.5 D. 5 E. None of these

3. Total production of A type company is what percentage of total production of E type company?

A. 66.5 B. 67.3 C. 68.9 D. 70.4 E. None of these

4. Average production of A, D & E is approximately how much percentage of average production of B, C & F ?

A. 121% B. 144% C. 134% D. 164.3% E. None of these

5. What is the average of three highest productive (who has maximum production) companies in lakh tonnes?

A. 125 B. 165 C. 185 D. 193 E. None of these

Correct Answers:

1	2	3	4	5
B	B	C	B	D

Explanations:

1. The ratio of minimum production to maximum production in different companies are as follows:

Comp.Min Max Ratio
A → 40 : 60 ⇒ 2 : 3
B → 40 : 70 ⇒ 4 : 7
C → 30 : 35 ⇒ 6 : 7
D → 40 : 70 ⇒ 4 : 7
E → 80 : 90 ⇒ 8 : 9
F → 30 : 45 ⇒ 2 : 3

Only twice minimum production and maximum production have the ratio of 2 : 3.
Hence, option B is correct.

2. Average production in the year 2001 –

$$\Rightarrow \frac{60 + 60 + 40 + 80 + 50 + 40}{6}$$

$$\Rightarrow \frac{330}{6} \Rightarrow 55.$$

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Average production in the year 2002 –

$$\Rightarrow \frac{40 + 70 + 35 + 70 + 90 + 45}{6}$$

$$\Rightarrow \frac{350}{6} \Rightarrow 58.3$$

Difference ⇒ 58.3 – 55 = 3.3.
Hence, option B is correct.

3. Total production of A type company -
⇒ 50 + 60 + 40 ⇒ 150
Total production of E type company -
⇒ 80 + 50 + 90 ⇒ 210
According to question .

$$\frac{150}{220} \times 100 \Rightarrow \frac{750}{11} \Rightarrow 68.9$$

Hence, option C is correct.

4. Average production of A, D & E

$$\frac{150 + 190 + 220}{3} \Rightarrow \frac{560}{3}$$

Average production of B, C & F

$$\frac{170 + 105 + 115}{3} \Rightarrow \frac{390}{3} \Rightarrow 130$$

According to question –

$$\frac{(560/3)}{130} \times 100$$

$$\Rightarrow \frac{56000}{390}$$

$\Rightarrow 143.58\% \approx 144\%$

Hence, option B is correct..

5. Total production -

A → 150
B → 170
C → 105
D → 190
E → 220
F → 115

Average of three highest production which is clearly of company B, D and E

$$= \frac{170 + 190 + 220}{3}$$

= 193.34 ⇒ 193 lakh tonnes

Hence, option D is correct.

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