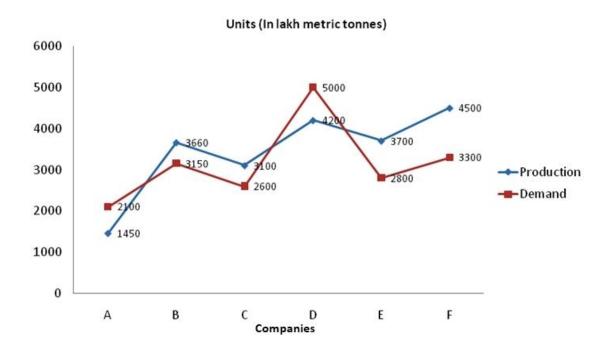# Date Interpretation Line Chart Questions for SSC Exams.

DI Line Chart Quiz 5

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

The graph shows the demand and production of different companies.

Units (In lakh metric tonnes)

1. The demand of company B is what percentage of the production of company F?

A. 80%   B. 60%   C. 50%   D. 70%

2. The production of company A is approximately what percent of the demand of company C?

A. 55%   B. 65%   C. 50%   D. 60%

3. What is the difference between the average demand and the average production of the companies (in lakh tonnes)? (Approximately)

A. 275   B. 325   C. 200   D. 250

4. What is the ratio of the companies having more demand than production to those having more production than demand?

A. 2 : 1   B. 3 : 2   C. 1 : 2   D. 2 : 3

Correct Answers:

1	2	3	4
D	A	A	C

Explanations:

1. Demand of company B = 3150
Production of company F = 4500

∴ Reqd. Percentage = $\dfrac{3150}{4500} \times 100 = 70\%$

Hence, option D is correct.

2. Production of company A = 1450
Demand of company C = 2600

Reqd. percentage = $\dfrac{1450}{2600} \times 100 = 55.76 \approx 55\%$

Hence, option A is correct.

3. Total value of Production = 1450 + 3660 + 3100 + 4200 + 3700 + 4500 = 20610

Average of Production = $\dfrac{20610}{6} = 3435.$

Total value of Demand = 2100 + 3150 + 2600 + 5000 + 2800 + 3300 = 18950

Average of Demand = $\dfrac{18950}{6} = 3158.33 \approx 3158.$

Required difference = 3435 − 3158 = 277 ≈ 275.
Hence, option A is correct.

4. Companies More demand than production =
A: Demand = 2100, Production = 1450
D: = Demand = 5000, Production = 4200

Companies more production than demand =
B: Production = 3660, Demand = 3150
C: Production = 3100, Demand = 2600
E: Production = 3700, Demand = 2800
F: Production = 4500, Demand = 3300
Total companies of more demand than production = 2
Total companies of more production than demand = 4
Therefore, the ratio will be = 2 : 4 = 1 : 2.
Hence, option C is correct.

SmartKeeda
The Question Bank

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