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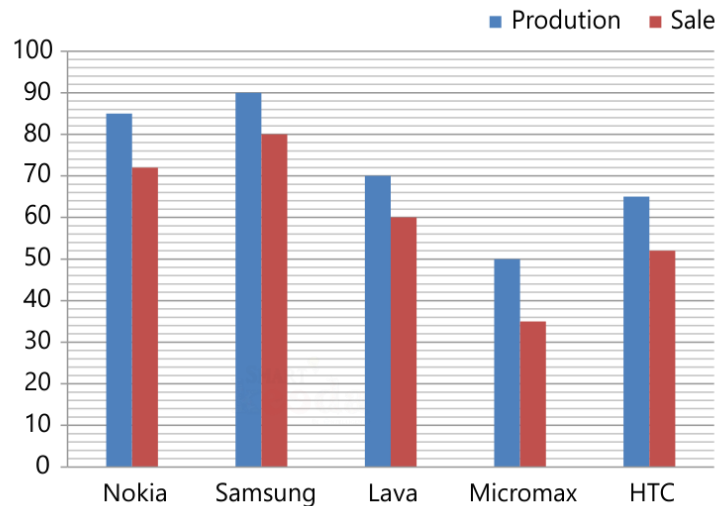
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## Date Interpretation Bar Graph Questions for Bank Clerk Pre Exams.

### DI Bar Chart Quiz 26

Directions: Study the graph carefully and answer the following questions.

This bar graph shows the production and sale of mobile phones by the different companies (in thousands):



1. In which of the companies the percentage sale of mobile phones is the highest?

- A. Lava      B. Samsung      C. Nokia      D. Micromax      E. None of these

2. What is the difference between the total unsold mobile phones by Nokia and HTC together and the total unsold mobile phones by Samsung and Micromax together?

- A. 2000      B. 3500      C. 2800      D. 1500      E. None of these

3. What is the average of unsold mobile by all the companies?

- A. 15000      B. 21000      C. 10000      D. 12000      E. 16000

4. If the production of the mobile phones of Apple Company is 20% more than the production of the mobile phones of the Lava Company and the mobile phones sold by Apple Company is 80% of the mobile phones sold by Samsung Company, find the unsold mobile phones by Apple company.

- A. 17500      B. 18600      C. 19800      D. 20500      E. None of these

5. The total mobile phones sold by Nokia Company and Micromax Company together is approximately what % of the mobile phones produced by the same company together?

- A. 75%      B. 80%      C. 90%      D. 85%      E. 88%

**Correct Answers:**

<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>
B	A	D	E	B

**Explanations:**

**1.** Mobile phones sold by Nokia

$$= \frac{72}{85} \times 100 = 84.70\%$$

Mobile phones sold by Samsung

$$= \frac{81}{90} \times 100 = 90\%$$

Mobile phones sold by Lava

$$= \frac{60}{70} \times 100 = 85.71\%$$

Mobile phones sold by Micromax

$$= \frac{35}{50} \times 100 = 70\%$$

Mobile phones sold by HTC

$$= \frac{52}{65} \times 100 = 80\%$$

Highest sale% = Samsung  
Hence, option B is correct.



**2.** Unsold mobile phones by Nokia =  $85000 - 72000 = 13000$ , Unsold mobile phones by HTC =  $65000 - 52000 = 13000$

Unsold mobile phones by Samsung =  $90000 - 81000 = 9000$ , Unsold mobile phones by Micromax =  $50000 - 35000 = 15000$

According to the question,

$$\text{Difference} = (13000 + 13000) - (9000 + 15000) \\ = 26000 - 24000 = 2000$$

Hence, option A is correct.

**3.** Unsold mobile (Nokia) =  $85000 - 72000 = 13000$

Unsold mobile (Samsung) =  $90000 - 81000 = 9000$

Unsold mobile (Lava) =  $70000 - 60000 = 10000$

Unsold mobile (Micromax) =  $50000 - 35000 = 15000$

Unsold mobile (HTC) =  $65000 - 52000 = 13000$

$$\text{Average} = \frac{(13000 + 9000 + 10000 + 15000 + 13000)}{5} = \frac{60000}{5} = 12000$$

Hence, option D is correct.

**4.** Production of the mobile phones of the apple company =  $70000 \times 120\% = 84000$

Sale of the mobile phones of the apple company =  $81000 \times 80\% = 64800$

Unsold mobile phones =  $84000 - 64800 = 19200$

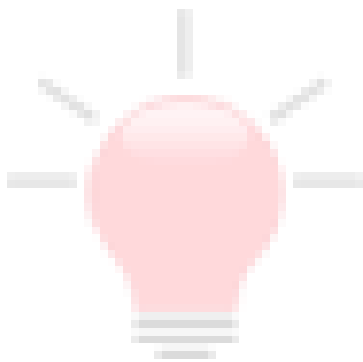
Hence, option E is correct.

**5.** Total mobile phones sold by Nokia and Micromax =  $72000 + 35000 = 107000$

Total mobile phones produced by Nokia and Micromax =  $85000 + 50000 = 135000$

$$\text{Reqd. \%} = \frac{107000}{135000} \times 100 = 79.25\% \approx 80\%$$

Hence, option B is correct.



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