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# Date Interpretation Info Chart Questions Quiz for SBI PO Pre, IBPS PO Pre, SBI Clerk Mains and IBPS Clerk Mains Exams.

## DI Info Chart Quiz 6

**Directions:** Study the given information carefully to answer the questions.

In ecommerce industry, the growth of the industry is driven by the increase in the number of people buying online and the increase in the number of people selling online.

In 2016, it was expected that total 100 million people would buy products online in India that would be 20% of the total population of India and 2% of the total population of India would sell products online. If in 2017, the population of India was increased by 10% over the previous year together with the total number of people who bought products online was increased by 20% over the previous year and the number of sellers remained constant then in the year 2017 the Industry revenue was \$ 50 billion.

**1. In 2016, what was the total number of people from India who sold the products online?**

- A. 1 million      B. 5 million      C. 50 million      D. 10 million      E. None of these

**2. If the revenue per seller was same in 2016 as compared to 2017 then what was the revenue per seller (in \$) in 2016? (one billion is equal to 1000 millions)**

- A. 50 million      B. 500 million      C. 5 million      D. 5 billion      E. None of these

**3. If in 2018, the number of people who will buy products online will increased by 30% over the previous year then in 2018, total how many people in million will buy product online?**

- A. 144      B. 156      C. 132      D. 150      E. None of these

**4. In 2018, the population of India was 900 million then what was the percentage growth of India over the period 2016 to 2018?**

- A. 60%      B. 40%      C. 80%      D. 20%      E. None of these

**5. It is assumed that in 2018, because of JIO, 40% of the total population of India will buy products online. If in 2018, the population of India was increased by 5% over previous year then in 2018, total how many people will buy product in India?**

- A. 231 million      B. 243 million      C. 239 million      D. 233 million      E. None of these

## Correct Answers:

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

## Answers :-

- 1.** Let the total population of India in 2016 = x million then  
20% of x million = 100 million  
 $x = 100 \times 5 = 500$  million  
2% of the total population of India sold products online = 2% of 500 million = 10 million  
Hence, option D is correct.

- 2.** Let the total population of India in 2016 = x million then  
20% of x million = 100 millions  
 $x = 100 \times 5 = 500$  millions  
2% of the total population of India sold products online = 2% of 500 million = 10 million  
In 2017, the number of sellers remained constant then in 2017, the revenue per sellers

$$= \frac{50 \text{ billion}}{10 \text{ million}} = \frac{50 \times 1000}{10} = 5000 \text{ million}$$

= 5 billion = revenue per seller in 2016

Hence, option D is correct.

- 3.** In 2016, 100 million people bought products online  
In 2017, 120% of 100 = 120 million people brought products online  
In 2018, 130% of 120 =  $13 \times 12 = 156$  million people will buy products online  
Hence, option B is correct.

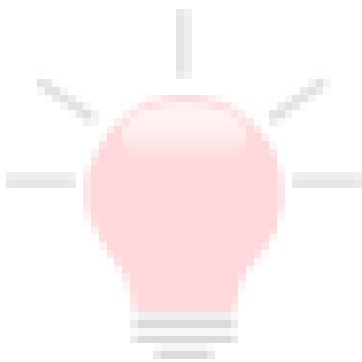
- 4.** Let the total population of India in 2016 = x million then  
20% of x million = 100 millions  
 $x = 100 \times 5 = 500$  millions

$$\text{The reqd. \%} = \frac{(900 - 500) \times 100}{500} = \frac{400 \times 100}{500} = 80\%$$

Hence, option C is correct.

5. Let the total population of India in 2016 = x million then  
20% of x million = 100 millions  
 $x = 100 \times 5 = 500$  millions  
The population of India in 2017 = 110% of 500 = 550 million  
The population of India in 2018 = 105% of 550 million = 577.5 million  
In 2018, because of JIO, 40% of the total population of India will buy product online = 40% of 577.5  
 $= \frac{40 \times 577.5}{100} = 231$  million

Hence, option A is correct.



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