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# Date Interpretation Pie Chart Questions for SBI Clerk Pre and IBPS Clerk Pre Exams.

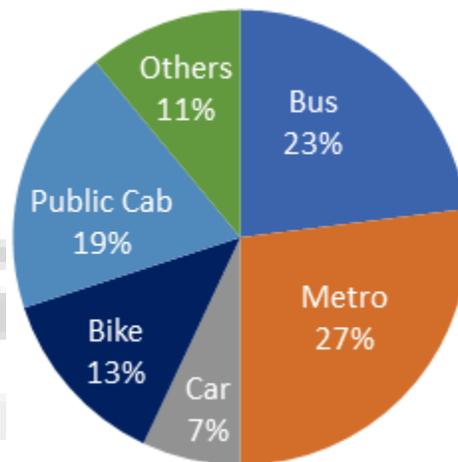
## DI Pie Chart Quiz 40

**Directions: Study the following pie chart carefully & answer the questions given below it.**

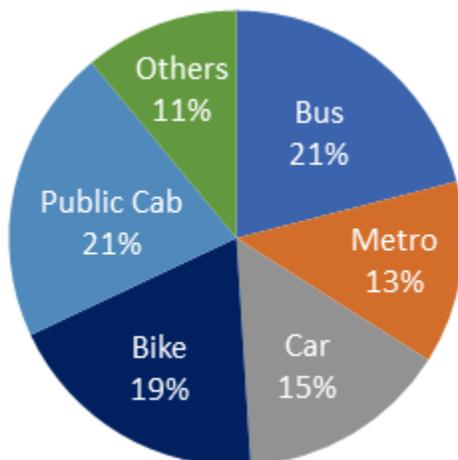
A survey was conducted in a city PQR. The pie chart 1 given below gives the information about the percentage distribution of the total number of people who prefer to travel by six different modes. The pie chart 2 given below gives the information about the percentage distribution of the number of women who prefer to travel by six different modes.

Total number of people = Number of women + Number of men

Total number of people = 25000



Total number of women = 10,000



## Questions :

1. The number of men who prefer to travel by bus is how many more than the number of men who prefer to travel by public cab?

- A. 1050                      B. 900                      C. 1100                      D. 1150                      E. None of these

2. The number of men who prefer to travel by Bus and Metro together is what percent of the total number of women?

- A. 60.67%                      B. 36.4%                      C. 66.33%                      D. 91%                      E. None of these

3. What is the ratio of the number of men who prefer to travel by car to the number of men who prefer to travel by Bike?

- A. 10 : 27                      B. 5 : 27                      C. 15 : 56                      D. 12 : 35                      E. None of these

4. The total number of women who prefer to travel by Metro and Car together is what percentage of the total number of people who participated in the survey?

- A. 11.2%                      B. 12.4%                      C. 25%                      D. 10.8%                      E. None of these

5. The number of men who prefer to travel by bike is what percentage of the total number of men?

- A. 5.4%                      B. 13.5%                      C. 9%                      D. 7%                      E. None of these

## Correct Answers:

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

## Common Explanations :

Mode of travel	Total number of People	Total number of women	Total number of men
Bus	23% of 25000 = 5750	21% of 10,000 = 2100	3650
Metro	27% of 25000 = 6750	13% of 10,000 = 1300	5450
Car	7% of 25000 = 1750	15% of 10,000 = 1500	250
Bike	13% of 25000 = 3250	19% of 10,000 = 1900	1350
Public cab	19% of 25000 = 4750	21% of 10,000 = 2100	2650
Others	11% of 25000 = 2750	11% of 10,000 = 1100	1650

## Answers :

1. Following the common explanation, we get

The total number of men who prefer to travel by bus = 3650

The total number of men who prefer to travel by public cab = 2650

The required difference =  $3650 - 2650 = 1000$

Hence, option E is correct.

2. Following the common explanation, we get

The number of men who prefer to travel by Bus and Metro together =  $3650 + 5450 = 9100$

Total number of women = 10,000

The reqd. % =  $\frac{9100 \times 100}{10,000} = 91\%$

Hence, option D is correct.

3. Following the common explanation, we get

The total number of men who prefer to travel by car = 250

The total number of men who prefer to travel by Bike = 1350

The required ratio =  $250 : 1350 = 5 : 27$

Hence, option B is correct.

**4.** Following the common explanation, we get

The total number of women who prefer to travel by Metro and Car together =  $1300 + 1500 = 2800$

The total number of people = 25,000

$$\text{The reqd. \%} = \frac{2800 \times 100}{25,000} = 11.2\%$$

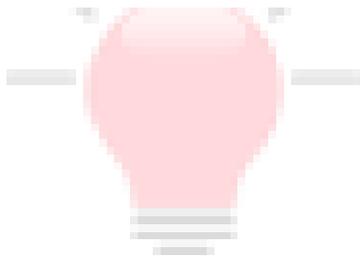
Hence, option A is correct.

**5.** The total number of men who prefer to travel by bike = 1350

The total number of men = 15,000

$$\text{The reqd. \%} = \frac{1350 \times 100}{15,000} = 7\%$$

Hence, option C is correct.



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