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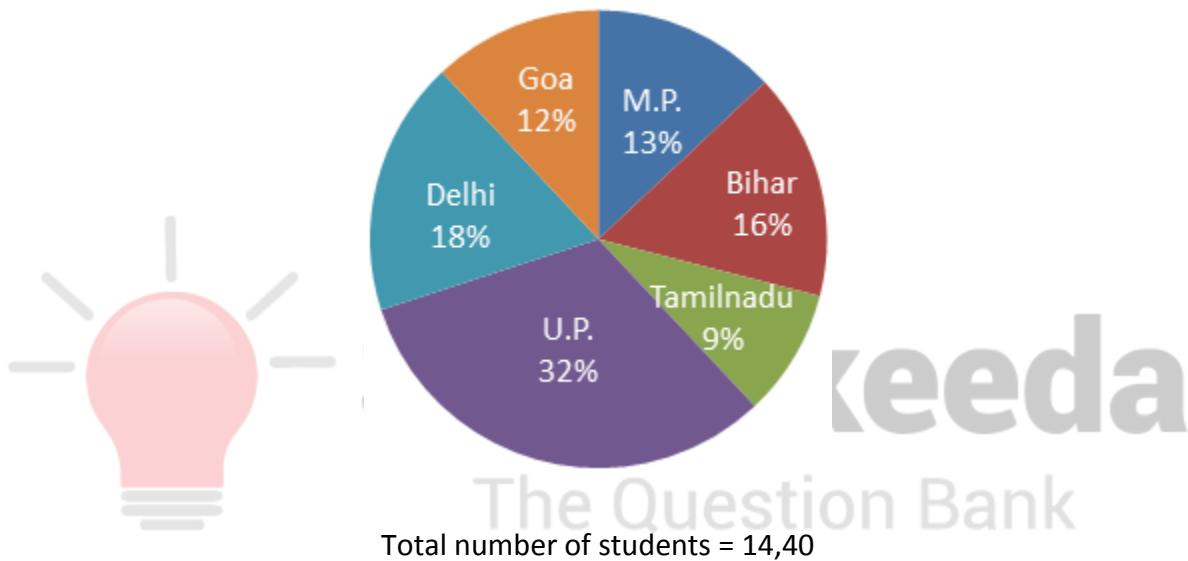
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# Data Interpretation Test for SBI Clerk Pre

## SBI Clerk Pre Maths Quiz 4

**Direction: Study the following pie chart carefully and answer the questions given beside.**

The pie chart shows the percentage of students enrolled for SBI Clerk Pre 2018 from different states.



**1. What is the central angle made by students of Goa and M.P.?**

- A.  $60^\circ$                       B.  $90^\circ$                       C.  $50^\circ$   
D.  $45^\circ$                       E. None of these

**2. In Tamilnadu if  $\frac{5}{18}$  enrolled students failed then calculate the number of students who passed in Tamil Nadu?**

- A. 65800                      B. 87600                      C. 103000  
D. 93600                      E. None of these

**3. If 10% of the students enrolled from Bihar did not appear for the exam then number of students who appeared for the exam from Bihar is**

- A. 207360                      B. 230710                      C. 260711  
D. 23760                      E. None of these

**4. What is the difference between the Total number of students enrolled from Delhi and M.P. and the number of students enrolled from UP?**

A. 28,800                      B. 18,800                      C. 14,400

D. 24,400                      E. None of these

**5. What is the sum of the percentage of students who enrolled from U.P., M.P. and Goa?**

A. 47%                      B. 57%                      C. 58%

D. 63%                      E. None of these



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**Correct answers:**

1	2	3	4	5
B	D	A	C	B

**Explanations:**

**1.**

We know that

$$\Rightarrow 100\% = 360^\circ$$

$$\therefore 1\% = 3.6^\circ$$

Now, Total percentage of students from Goa and M.P. =  $(12\% + 13\%) = 25\%$

Thus, the central angle made by these students =  $25\% \times 3.6^\circ = 90^\circ$

Hence, the correct answer is option B.

**2.**

Percentage of student enrolled from Tamilnadu = 9%

If failed students are  $\frac{5}{18}$ , then passed students will be

$$1 - \frac{5}{18} = \frac{13}{18}$$

Total number of passed students in Tamilnadu

$$= \frac{13}{18} \text{ of } 9\% \text{ of } 1440000$$

$$= 13 \times 7200 = 93600$$

Hence, the correct answer is option D.

**3.**

Total number of students enrolled = 14,40,000

Percentage of students enrolled from Bihar = 16%

⇒ Number of students enrolled from Bihar

$$= \frac{16}{100} \times 1440000 = 2,30,400$$

We know that 10% of the students enrolled from Bihar did not appeared for the exam.

So, the number of students appeared for exam from Bihar = 90% of the number of students enrolled Bihar.

⇒ Number of students appeared for exam from Bihar

$$= \frac{90}{100} \times 2,30,400 = 2,07,360$$

Hence, option A is correct.

**4.**

Total percentage of students enrolled from Delhi and M.P. = 18% + 13% = 31%

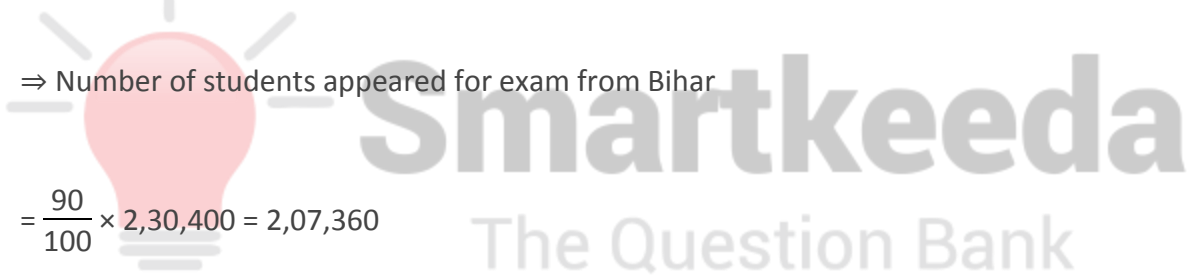
Total number of students enrolled from Delhi and M.P. = 31% of 14,40,000

Percentage of students enrolled from U.P. = 32%

Number of students enrolled from U.P. = 32% of 14,40,000

Required difference = 32% of 14,40,000 – 31% of 14,40,000

$$= 1\% \text{ of } 14,40,000 = 14,400$$



Hence, option C is correct.

**5.**

Percentage of students enrolled from U.P. = 32%

Percentage of students enrolled from M.P. = 13%

Percentage of students enrolled from Goa = 12%

Required Sum =  $(32\% + 13\% + 12\%) = 57\%$

Hence, option B is correct.



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