

Percentage Questions for Bank PO, SO, Clerk Exams Pdf

1. A student scores 55% marks in 8 papers of 100 marks each. He scores 15% of his total marks in English. How much does he score in English?

- a. 44
- b. 45
- c. 66
- d. 77

Ans: C

Total marks obtained by the student = 55% of 800

$$= \left(\frac{55}{100} \times 800 \right) = 440.$$

∴ Marks scored in English

$$= 15\% \text{ of } 440 = \left(\frac{15}{100} \times 440 \right) = 66.$$

2. What percent is 3% of 5%?

- a. 15%
- b. 30%
- c. 50%
- d. 60%

Ans: D

$$\begin{aligned} \text{Required percentage} &= \left(\frac{3\%}{5\%} \times 100 \right) \% \\ &= \left[\frac{(3/100)}{(5/100)} \times 100 \right] \% = 60\%. \end{aligned}$$

3. In a college election between two candidates, one candidate got 55% of the total valid votes. 15% of the votes were invalid. If the total votes were 15200, what is the number of valid votes the other candidate got?

- a. 5814
- b. 6840
- c. 7106
- d. 8360

Ans: A

$$\begin{aligned} \text{Number of valid votes} \\ &= (100 - 15)\% \text{ of } 15200 = 85\% \text{ of } 15200 \\ &= \left(\frac{85}{100} \times 15200 \right) = 12920. \end{aligned}$$

$$\begin{aligned} \text{Valid votes polled by other candidate} \\ &= (100 - 55)\% \text{ of } 12920 = \left(\frac{45}{100} \times 12920 \right) = 5814. \end{aligned}$$

4. In the year 2010, 5000 students were admitted in a college. It is found that the number of students admitted is constantly increasing by 24 percent per year. How many students will be admitted in the college in the year 2012?

- a. 7400
- b. 7480
- c. 7688
- d. 7868

Ans: D

$$\begin{aligned} \text{Number of students admitted in 2012} \\ &= 5000 \left(1 + \frac{24}{100} \right)^2 = \left(5000 \times \frac{31}{25} \times \frac{31}{25} \right) = 7688. \end{aligned}$$

5. 30% of 1225 – 64% of 555 = ?

- a. 10.7
- b. 12.3

c. 13.4

d. none of these

Ans: B

Given 30% of $1225 - 64\%$ of $555 = (?)$

$$\left(\frac{30}{100} \times 1225 \right) - \left(\frac{64}{100} \times 555 \right)$$

$$= (367.5 - 355.2)$$

$$= 12.3$$