Percentage Questions and Answers for Bank Exams Pdf

- 1. 10. 92.5% of 550 = ?
- a. 506.45
- b. 508.75
- c. 518.55
- d. 521.65

Ans: B

92.5% of 550 =
$$\left(\frac{925}{10} \times \frac{1}{100} \times 550\right) = 508.75.$$

- 2. Ten percent of twenty plus twenty percent of ten equals
- a. 10 percent of 20
- b. 20 percent of 10
- c. 1 percent of 200
- d. 2 percent of 200

Ans: D

10% of 20 + 20% of 10 =
$$\left(\frac{10}{100} \times 20\right) + \left(\frac{20}{100} \times 10\right)$$

= $\frac{2}{100} (100 + 100) = \frac{2}{100}$ of 200
= 2% of 200.

3. Nupur invests Rs. 89856, which is 26% of her annual income, in mutual funds. What is her monthly income?

- a. Rs. 23980.50
- b. Rs. 28800
- c. Rs. 28990

d. Rs. 33606.25

Ans: B

Let Nupur's annual salary be $\overline{\mathbf{x}}$.

Then, 26% of $x = 89856 \Rightarrow \frac{26x}{100} = 89856$ $\Rightarrow x = \left(\frac{89856 \times 100}{26}\right) = 345600.$ $\therefore \text{ Nupur's monthly income} = \notin \left(\frac{345600}{12}\right) = \notin 28800.$

4. A company pays rent of Rs. 25000 per month for office space to its owner. But if the company pays the annual rent at the beginning of the year the owner gives a discount of 5% on the total annual rent. What is the annual amount the company pays to the owner after the discount?

- a. Rs. 2,75,000
- b. Rs. 2,85,000
- c. Rs. 2,95,000
- d. Rs. 3,00,000 -→B

Ans: B

Total annual rent = ₹ (25000 × 12) = ₹ 300000.

Discount = 5% of ₹ 300000 = ₹ $\left(\frac{5}{100} \times 30000\right)$ = ₹ 15000.

∴ Annual rent paid after discount = ₹ (300000 - 15000) = ₹ 285000.

- 5. 140% of 56 + 56% of 140 = ?
- a. 78.4
- b. 87.4
- c. 156.6
- d. 156.8

Ans: D

140% of 56 + 56% of 140 =
$$\left(\frac{140}{100} \times 56\right) + \left(\frac{56}{100} \times 140\right)$$

= 78.4 + 78.4 = 156.8.

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

- 7. What percent is 3% of 5%?
- a. 15%
- b. 30%
- c. 50%
- d. 60%

Ans: D

Required percentage =
$$\left(\frac{3\%}{5\%} \times 100\right)\%$$

= $\left[\frac{(3/100)}{(5/100)} \times 100\right]\% = 60\%$.

8. 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

Number of valid votes

= (100 - 15)% of 15200 = 85% of 15200 = $\left(\frac{85}{100} \times 15200\right)$ = 12920.

Valid votes polled by other candidate

=
$$(100 - 55)$$
% of $12920 = \left(\frac{45}{100} \times 12920\right) = 5814.$

9. 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

Number of students admitted in 2012

$$= 5000 \left(1 + \frac{24}{100}\right)^2 = \left(5000 \times \frac{31}{25} \times \frac{31}{25}\right) = 7688.$$

10. 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