



Infosys Percentages Questions With Solutions

Question 1 Mukul's income is 10% more than Sunil's. How much less is Sunil's income than that of Mukul's?

- A.8.09 %
- B.9.09 %
- C.7.09 %
- D.7.90 %

Ans. B

Explanation:

Sunil's income is less than Mukul's = $[(10 / (100 + 10)) \times 100 \% = (1000 / 110) \% = 9.09 \%$

Question 2 $(0.756 \times 3/4)$ terms of rate percent is equivalent to ?

- A.18.9%
- B.37.8%
- C.56.7%
- D.75%

Ans. C

Explanation:

$(0.756 \times 3/4) = (756/1000) \times (3/4) \times 100 \% = 56.7\%$

Question 3 If 90% of A = 30% of B and B = C% of A, then the value of C is ?

- A.900

B.800

C.600

D.300

Ans. D

Explanation:

$$90A/100 = 30B/100 = (30/100) \times AC/100 \therefore C = 100 \times (100/30) \times (90/100) = 300$$

Question 4 If 0.5% of A =85 paise, then the value of A is?

A.Rs. 170

B.Rs. 17

C.Rs. 1.70

D.Rs. 4.25

Ans. A

Explanation:

$$0.5/100 \text{ of } A = 85/100 \therefore A = \text{Rs. } (85 / 0.5) = \text{Rs. } 170$$

Question 5 30 quintals are what percent of 2 metric tonnes?

A.15%

B.1.5%

C.150%

D.30%

Ans. C

Explanation:

$$\text{Required percent} = \{30/(2 \times 10)\} \times 100 \% = 150\%$$

Question 6 A candidate attempted 12 questions and secured full marks in all of them. If he obtained 60% in the test and each question carried equal marks, then what was the total number of questions in the test?

A.36

B.30

C.25

D.20

Ans. D

Explanation:

Let the number of question be Y. 60% of Y = 12

$$60Y / 100 = 12 \Rightarrow Y = 20$$

Question 7 Rajesh solved 80 percent of the questions in an examination correctly, out of 41 questions solved by Rajesh 37 questions are correct and of the remaining questions out of 8 questions, 5 questions have been solved by Rajesh correctly then find the total number of question asked in the examination?

A.75

B.65

C.60

D.Can't be determined

Ans. B

Explanation:

Suppose there are $8y$ questions were asked apart from the 41 question. Then $37 + 5y/41 + 8y = 80\% = 4/5 \Rightarrow 185 + 25y = 164 + 32y \Rightarrow 7y = 21 \Rightarrow y = 3 \therefore$ Total no. of questions = $41 + 8 \times 3 = 65$.

Question 8 The difference between 78% of a number and 59% of the same number is 323.

What is 62% of that number?

A.1054

B.1178

C.1037

D.1159

E.None of the above

Ans. A

Explanation:

Let the number be N. According to the question, $(78 - 59)\%$ of N = 323 $\Rightarrow (19 \times N)/100$

$$= 323 \therefore N = (323 \times 100)/19 = 1700 \therefore 62\% \text{ of} \\ 1700 = (62/100) \times 1700 = 1054$$

Question 9 The price of a product is increased by 20%. If the original price is Rs. 300, what is the final price of the product?

A.350

B.360

C.370

D.375

Ans. C

Explanation:

$$\text{Final Price} = \text{Initial price} + \text{Initial price} \times 20/100 \\ = \text{Initial price} \times (1 + 20/100) = \text{Rs.}300 \times (1.2) = \\ \text{Rs.}360$$

Question 10 The total population of a country is 294000, out of which 150000 are males. Out of every 100 males, 98 can read and write, but only 53% of the total population can do so. Find the percentage of women who can read and write.

A.6.125 %

B.5.125 %

C.6.000 %

D.4.125 %

Ans.A

Explanation:

$$\text{The number of men who can read and write} = \\ 150000 \times (98 \div 100) = 147000 \text{ Number of men} \\ \text{and women who can read and write} = 294000 \times \\ (53 \div 100) = 155820 \text{ Number of women who} \\ \text{can read and write } 155820 - 147000 = 8820 \\ \text{Thus, out of 144000 women 8820 can read and} \\ \text{write. Required percentage} = (8820 \times 100)/ \\ 144000 \% = 6.125$$

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