

Aptitude - Percentages Online Quiz

Following quiz provides Multiple Choice Questions (MCQs) related to **Percentages**. You will have to read all the given answers and click over the correct answer. If you are not sure about the answer then you can check the answer using **Show Answer** button. You can use **Next Quiz** button to check new set of questions in the quiz.



Q 1 - Half of 1% written as a decimal is :

A - 0.005

B - 5

C - 0.5

D - 0.005

Answer : D

Explanation

$$\begin{aligned}\text{Half of } 1\% &= \left(\frac{1}{2} \times \frac{1}{100}\right) \\ &= \frac{0.5}{100} = 0.005 \%\end{aligned}$$

Hide Answer

Q 2 - If Rs. 2800 is $\frac{2}{7}$ percent of the value of a car, the worth of car in Rs. is ?

A - 1008080

B - 400000

C - 800000

D - 980000

Answer : D

Explanation

$$\begin{aligned}\text{Let } z \text{ be the worth of car.} \\ \text{Then, } \frac{2}{7} \text{ of } p &= 2800 \\ p &= \left(\frac{2800 \times 100 \times 7}{2}\right) = \text{Rs. } 980000\end{aligned}$$

[Show Answer](#)

Q 3 - Saurav went to the stationery and bought things worth Rs. 25, out of which 30 paise went on sales tax on taxable purchases. If the tax rate was 6%, then what was the cost of the tax free items?

A - 22.90

B - 18.30

C - 19.70

D - 16.40

Answer : C

Explanation

Let p be the amount of taxable purchases.

Then, $\frac{6}{100} p = \frac{30}{100}$

$p = \left(\frac{30}{100} \times \frac{100}{6} \right)$

= 5

The cost of tax free items: $[25 - (5 + 0.30)] = \text{Rs. } 19.70$

[Hide Answer](#)

Q 4 - Rahul gave 40% of the amount he had to Pankaj. Pankaj in turn gave one-fourth of what he received from Rahul to Sanyam. After paying Rs. 200 to the taxi driver out of the amount he got from Pankaj, Sanyam now has Rs. 600 left with

him. How much amount did Rahul have?

A - 7000

B - 8000

C - 10000

D - 9000

Answer : B

Explanation

Let p be the amount with Rahul.

→ amount received by Sanyam = $\frac{1}{4}$ of 40% of Rs. p = 10% of Rs. p .

Therefore, 10% of p = 600 + 200

→ p = 8000 i.e. Amount with Rahul

Hide Answer

Q 5 - The price of potatoes came down to Rs 12 per kg from Rs 16 per kg. Find the percentage decrease.

A - 25%

B - 15%

C - 35%

D - 10%

Answer : A

Explanation

$$\text{decrease} = 16 - 12 = 4 \Rightarrow \% \text{decrease} = 4/16 * 100 = 25\%$$

Show Answer

Q 6 - The price of an article has been reduced by 40%. In order to restore the original price, the new price must be:

A - 200/3%

B - 200/6

C - 200/9

D - 200/8

Answer : A

Explanation

Let the original price = Rs. 100

Reduced price = Rs. 60

Increase on Rs. 60 = Rs. 40

Increase on Rs. 100 = $40/60 \times 100\% = 2/3 \times 100\% = 200/3\%$

[Hide Answer](#)

Q 7 - What will be 90 % of a number whose 200% is 300?

A - 135

B - 140

C - 145

D - 150

Answer : A

Explanation

200% of x = 300, $\Rightarrow x = 150$

90% of 150 = 135

[Hide Answer](#)

Q 8 - In mathematics exam saif khan scored 25% marks in the first paper out of a total of 180. How much should he score in second paper out of 200, if he is to get an overall average of at least 50%?

A - 67.5

B - 70.5

C - 72.5

D - 75

Answer : C

Explanation

$$25\% \text{ OF } 180 + x\% \text{ of } 200 = 50\% \text{ of } (180 + 200)$$

$$45 + (x\% \text{ of } 200) = 190$$

$$x = 72.5$$

Hide Answer

Q 9 - 150% of 14 + 75% of 75 = ?

A - 77.25

B - 8.75

C - 135

D - 281.25

Answer : A

Explanation

$$\begin{aligned} 150\% \text{ of } 14 + 75\% \text{ of } 75 &= 150/100 * 14 + 75/100 * 75 \\ &= 21 + 56.25 = 77.25 \end{aligned}$$

Show Answer

Q 10 - After spending 15% on raw material, 30 % on machinery, 15% on furniture, 10% on machinery, Harish had a balance of 1300. The money with him was:

A - 3568

B - 4010

C - 3952

D - 4333

Answer : D

Explanation

$$\begin{aligned} x - (15\% \text{ of } x + 30\% \text{ of } x + 15\% \text{ of } x + 10\% \text{ of } x) &= 1300 \\ x - 70\% \text{ of } x &= 1300 \\ \Rightarrow x &= 4333 \end{aligned}$$

Hide Answer