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PERCENTAGES



PROBLEM 1:



What percent of a day in 6 hours?

1.25%

2.52%

3.50%

4.5%

ANS:A



PROBLEM 2:



Two-fifth of one-third of three seventh of a number is 15.What is 40% of that number?

- 1.501
- 2.105
- 3.525
- 4.150

ANS:B



PROBLEM 3:



The population of a town is 176000. If it increases at the rate of 5% per annum, what will be its population 2 years hence?

- 1. 194000
- 2. 194040
- 3. 190440
- 4. 194104

ANS: B



PROBLEM 4:



The length and breath of a rectangle are increased by 20% and 30%.The area of the resulting rectangle exceeds the area of the original rectangle?

- 1.50%
- 2.65%
- 3.56%
- 4.156%

ANS:C



PROBLEM 5:



Water tax is increased by 20% but its consumption is decreased by 20%. Then increase or decrease in the expenditure of the money is

- 1.40%
- 2.4%
- 3.96%
- 4. None of the above.

ANS: B



PROBLEM 6:



Sugar contain 5% water .What quantity of pure Sugar should be added to 10 litres of water to reduce this to 2%.

- 1.5lit
- 2.6lit
- 3.10lit
- 4.15lit

ANS:D



PROBLEM 7:



In an election between 2 candidates, Candidate who gets 40% of the total vote defeated by 15000. The no of votes polled by winner

- 1. 10000
- 2. 45000
- 3. 30000
- 4. 6000

ANS: **B**



PROBLEM 8:



The price of a fan is decreased by 20%.as a result of which the sale increased by 40%.What will be the effect on the total revenue of the shop?

- 1.12%
- 2.10%
- 3.20%
- 4.30%

ANS:A



PROBLEM 9:



Raj save 10%,after 2 years when his income is increased by 10%,he could save the same money then how much his expenditure increased?

1.10%

2.20%

3.5%

4.15%

ANS:A



PROBLEM 10:



If $x\%$ of y is equal to z then what percentage of z is x ?

1. $y^2 / 100$

2. $x^2 / 100$

3. $100^2 / y$

4. $100^2 / x$

ANS: C



PROBLEM 11:



If a person sells a wooden furniture at 8% profit against 8% loss, then he could had earned Rs12 more. What is the cost price of furniture?

- A. 72
- B. 70
- C. 80
- D. 75

ANS:D



PROBLEM 12:



A man sells a chair and a table, both at same price of Rs. 4000 each and is neither gaining nor losing in the deal. If he sold the chair at profit of 25% then he sold table at loss of ?

- A. 16%
- B. 16.66%
- C. 16.33%
- D. 18.66%

ANS:B



PROBLEM 13:



Rakesh credits 15% of his salary in his fixed deposit account and spend 30% of the remaining amount on groceries. If the cash in hand is Rs. 2380, What is this salary ?

- A. 35000
- B. 4000
- C. 45000
- D. 5000

ANS:B



PROBLEM 14:



A man donated 5% of his income to a charitable organisation and deposited 20% of the remainder in a bank. If he now has Rs. 1919 left, what is his income ?

- A. Rs. 2558.60
- B. Rs. 2525
- C. Rs. 2500
- D. Rs. 2300

ANS:B



PROBLEM 15:



A number increased to $137\frac{1}{2}\%$ gives 33. The number is ?

- A. 22
- B. 24
- C. 25
- D. 27

ANS:B



PROBLEM 16:



Two numbers are less than a third number by 30% and 37% respectively. How much percent is the second number less than the first ?

- A. 3%
- B. 4%
- C. 7%
- D. 10%

ANS:D



PROBLEM 17:



The price of sugar is increased by 20%. If the expenditure is not allowed to increased. Then ratio between the reduction in consumption and the original consumption ?

- A. 1 : 3
- B. 1 : 4
- C. 1 : 6
- D. 1 : 5

ANS:C



PROBLEM 18:



Water tax is increased by 20% but its consumption is decreased by 20%. Then the increase or decrease in the expenditure of the money is ?

- A. No change
- B. 5% decrease
- C. 4% increased
- D. 4% decreased

ANS:D



PROBLEM 19:



3 litres of water is added to 15 litres of a mixture of a 20% solution of alcohol in water. The strength of alcohol is now ?

- A. $12\frac{1}{2}\%$
- B. $16\frac{2}{3}\%$
- C. 24%
- D. 16%

ANS:B



PROBLEM 20:



On decreasing the price of T.V. set by 30%. Its sale is increased by 20%. What is the effect on the revenue received by the shopkeeper?

- A. 10% increased
- B. 10% decreased
- C. 16% increased
- D. 16% decrease

ANS:D



PROBLEM 21:



The population of a town increase 4% annually but is decreases by emigration annually to the extent of $1\frac{1}{2}\%$. What will be the increase percent in three years ?

- A. 9.8
- B. 10
- C. 10.5
- D. 10.8

ANS:D



PROBLEM 22:



A man's wages were decreased by 50%. Again the reduced wages were increased by 50%. He has a loss of ?

- A. 0 %
- B. 0.25 %
- C. 2.5 %
- D. 25 %

ANS:D



PROBLEM 23:



If A's salary is 30% more than B's then how much per cent is B's salary less than A's ?

- A. 30%
- B. 25%
- C. $23\frac{1}{13}\%$
- D. $33\frac{1}{3}\%$

ANS:C



PROBLEM 24:



A man spends 75% of his income. This income is increased by 20% and he increased his expenditure by 10%. His savings are increased by ?

- A. 10%
- B. 25%
- C. $37\frac{1}{2}\%$
- D. 50%

ANS:D



PROBLEM 25:



In an office, 40 % of the staff is female. 40% of the female and 60% of the male voted for me. The percentage of votes I got was

- A. 24%
- B. 42%
- C. 50%
- D. 52%

ANS:D

