

## **Spardhaguru India Private Limited** Percentage Practice Paper 6

## 10 Years of Excellence





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1) 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) 4% increase
- b) 4% decrease
- c) 5% decrease
- d) No change

2) If the price of a commodity is increased by 50%, by what fraction must its consumption be reduced so as to keep the same expenditure on its consumption?

- a)  $\frac{2}{3}$
- c)  $\frac{1}{4}$

3) The price of a certain item is increased by 15%. If a consumer wants to keep his expenditure on the item the same as before, how much per cent must he reduce his consumption of that item?

- a)  $10\frac{20}{23}\%$  b)  $13\frac{1}{23}\%$  c) 15% d)  $16\frac{2}{3}\%$

4) If the price of tea is increased by 20%, by how much per cent the consumption of tea be reduced so that there is no increase in the expenditure on it?

- a)  $8\frac{1}{3}\%$  b) 20%
- c)  $83\frac{1}{3}\%$  d)  $16\frac{2}{3}\%$

5) The price of petrol is increased by 25%. By how much per cent a car owner should reduce his consumption of petrol so that the expenditure on petrol would not be increased?

- a) 20%
- b) 30%
- c) 25%
- d) 50%

6) If the price of rice be raised by 25%, the percent by which a house-holder must reduce his consumption of rice so as not to increase his expenditure on rice is

- a) 20%
- b) 25.75%
- c) 225%
- d) 25%

7) In the new budget, the price of kerosene oil rose by 25%. By how much per cent must a person reduce his consumption of kerosene oil so that his expenditure on it does not increase?

- a) 40%
- b) 25%
- c) 20%
- d) 50%

8) The price of a commodity rises from 6 per kg to 7.50 per kg. If the expenditure cannot increase, the percentage of reduction in consumption is

- a) 30%
- b) 20%
- c) 15%
- d) 25%

9) If the price of petrol be raised by 20%, then the percentage by which a car owner must reduce his consumption so as not to increase his expenditure on petrol is

- a)  $15\frac{1}{3}\%$  b)  $16\frac{2}{3}\%$  c)  $16\frac{1}{3}\%$  d)  $15\frac{2}{3}\%$

10) Price of milk has increased by 20%. To keep the expenditure unchanged, the present consumption is to be reduced by:

- a)  $16\frac{2}{3}\%$  b) 18% c) 20% d) 10%
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11) Price of sugar rises by 20%. By how much percent should the consumption of sugar be reduced so that the expenditure does not change?

- a) 15%
- b) 10%
- c) 20%
- d)  $16\frac{2}{3}\%$

12) Price of a commodity has increased by 60%. By what per cent must a consumer reduce the consumption of the commodity so as not to increase the expenditure?

- a) 60%
- b) 37.5%
- c) 37% d) 40.5%

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13) If food prices go up by 10%, by how much should a man reduce his consumption so as not to increase his expenditure?

- a) The data is not sufficient

c)  $9\frac{1}{11}\%$ 

d)  $11\frac{1}{9}\%$ 

14) If the duty on an article is reduced by 40% of its present rate, by how much per cent must its consumption increase in order that the revenue remains unaltered?

- a)  $66\frac{2}{3}\%$
- c) 60%

15) If the price of a commodity is decreased by 20% and its consumption is increased by 20%, what will be the increase or decrease in the expenditure on the commodity?

- a) 8% increase
- b) 4% decrease
- c) 4% increase
- d) 8% decrease

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