



# Concept: Expenditure, Price, Consumption



# Types of Questions:

If the price of petrol increased by  $X\%$ . Then by what % decrease in consumption to keep expenditure same?

When the cost of petroleum increases by  $X\%$ , a man reduces his annual consumption by  $Y\%$ . Find the percentage change in his annual expenditure on petroleum

The price of sugar increases by  $X\%$  due to this a family purchase  $y$  kg less sugar for Rs. Find:

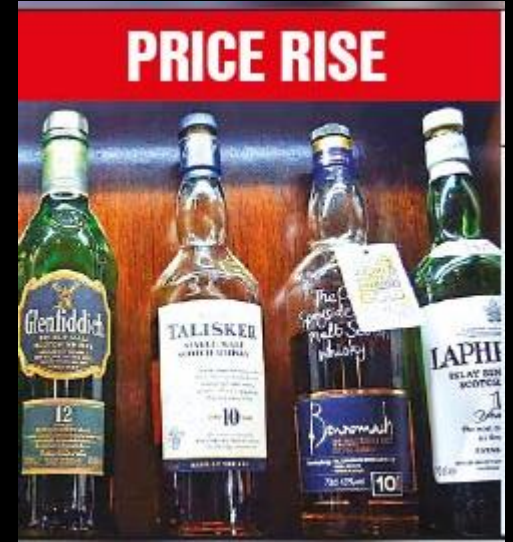
- A. Original consumption
- B. Original price
- C. New consumption
- D. New price

**Q . The price of sugar increased by 25%.  
What should be the percentage decrease in  
the consumption of sugar by a family, such  
that their expenditure on sugar remains  
the same?**

- (1) 20%    (2) 16%    (3) 12%  
(4) 40%    (5) None of these**



If price of Desi-liquor is increased by 20% then Mohan should cut down consumption by what %, to keep his budget unchanged?





**Q. If the cost of coriander sold is increased by 33.33%. What should be the % decrease in consumption to keep expenditure same?**

- 1) 29% 2) 25% 3) 30% 4) 25% 5)  
None of these**



**Q. When the cost of petroleum increases by 40%, a man reduces his annual consumption by 20%. Find the percentage change in his annual expenditure on petroleum.**

**1) 20% 2) 16% 3) 12% 4) 40% 5) None of these**

A reduction of  $12\frac{1}{2}$  per cent in the price of mangoes enables a purchaser to obtain 4 more for a rupee. What are the reduced price and the original price per mango ?



**The price of sugar increases by 20% due to this a family purchase 12kg less sugar for Rs300.find:**

**A. Original consumption**

**B. Original price/Kg**

**C. New consumption**

**D. New price /Kg**

**Q. The price of sugar having gone down by 10%, a consumer can buy 5 kg more sugar for Rs 270. The difference between the original and reduced price per kg is**

- A. 62 paise      B. 60 paise      C. 75 paise      D. 53 paise**

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