

Q8 The quantity demanded of a commodity at a price of ₹ 8 per unit is 500 units. Its price falls to ₹ 6 and as a result its quantity demanded rises to 600 units. Calculate its price elasticity of demand.

Q9 A consumer buys 50 units of a good at ₹ 4 per unit. When its price falls by 25% its demand rises to 100 units. Find out the price elasticity of demand.

Q10 As a result of 10% fall in price of a good its demand rises from 100 units to 120 units. Find out the price elasticity of demand.

Q11 The price elasticity of demand of a commodity is $(-)$ 1.5. When its price falls by ₹ 1 per unit its quantity demanded rises by 3 units. If the quantity demanded before the price change was 30 units, what was the price at this demand? Calculate. [CBSE (AI) 2010] 4

Q12 Quantity demanded of a commodity rises by 6 units when its price falls by ₹ 1 per unit. Its price elasticity of demand is $(-)$ 1. If the price before the change was ₹ 20 per unit, calculate quantity demanded at this price. [CBSE (AI) 2010] 4

Q13 The quantity demanded of a commodity falls by 5 units when its price rises by ₹ 1 per unit. Its price elasticity of demand is $(-)$ 1.5. Calculate the price before change if at this price quantity demanded was 60 units. [CBSE (F) 2010] 4

Q14 Price elasticity of demand of a commodity is -0.5 . Its quantity demanded falls by 5 units when its price rises by ₹ 1 per unit. Calculate the quantity demanded if the price before the change is ₹ 5 per unit. [CBSE (F) 2010] 4

Q15 Price elasticity of demand of a commodity is $(-)$ 0.75. When its price falls by ₹ 1 per unit its quantity demanded rises by 4 units. Calculate its quantity demanded if the price before the change was ₹ 12 per unit. [CBSE (F) 2010] 4

Q16 When price of a commodity falls by ₹ 1 per unit, its quantity demanded rises by 3 units. Its price elasticity of demand is $(-)$ 2. Calculate its quantity demanded if the price before the change was ₹ 10 per unit. [CBSE (AI) 2010] 4

Q17 When the price of a commodity falls by ₹ 2 per unit, its quantity demanded increases by 10 units. Its price elasticity of demand is $(-)$ 1. Calculate its quantity demanded at the price before change which was ₹ 10 per unit. [CBSE Delhi 2010] 4

Q18 A consumer buys 8 units of a good at a price of ₹ 7 per unit. When price rises to ₹ 8 per unit, he buys 7 units. Calculate price elasticity of demand by comparing expenditure on the good. [CBSE (F) 2008] 3

Q19 At a given market price of a good a consumer buys 120 units. When price falls by 50 per cent he buys 150 units. Calculate price elasticity of demand. [CBSE (F) 2008] 3

Q20 A consumer buys a certain quantity of a good at a price of ₹ 10 per unit. When price falls to ₹ 8 per unit, she buys 40 per cent more quantity. Calculate price elasticity of demand. [CBSE (F) 2008] 3

Q21 Price elasticity of demand is $(-)$ 3. If the price rises from ₹ 10 per unit to ₹ 12 per unit, what is the percentage change in demand? [CBSE (AI) 2008] 3

Q22 Price elasticity of demand of a good is $(-)$ 1. At a price the consumer buys 60 units of the good. How many units will the consumer buy if the price falls by 10 per cent? 3 [CBSE (AI) 2008] 3

Q23 When price of a good falls from ₹ 8 per unit to ₹ 7 per unit, its demand rises from 12 units to 16 units. Compare expenditures on the good to determine whether demand is elastic or inelastic. [CBSE Delhi 2008] 3

Q24 When price of a good falls from ₹ 10 per unit to ₹ 9 per unit, its demand rises from 9 units to 10 units. Compare expenditures on the good to find price elasticity of demand. [CBSE Delhi 2008] 3