

1. Consider a market with two firms. The following table shows the supply schedules of the two firms. SS_1 column gives the supply schedule of firm 1 and SS_2 column gives the supply of firm 2. Compute the market supply schedule.

(NCERT)

Price (Rs.)	SS_1 (Units)	SS_2 (Units)
0	0	0
1	0	0
2	0	0
3	1	1
4	2	2
5	3	3
6	4	4

2. Consider a market with two firms. In the following table, columns labeled as SS_1 and SS_2 give the supply schedules of firm 1 and firm 2 respectively. Compute the market supply schedule.

(NCERT)

Price (Rs.)	0	1	2	3	4	5	6	7	8
SS_1 (kg)	0	0	0	1	2	3	4	5	6
SS_2 (kg)	0	0	0	0	0.5	1	1.5	2	2.5

3. There are three identical firms in a market. The following table shows the supply schedule of firm 1. Compute the market supply schedule.

(NCERT)

Price (Rs.)	0	1	2	3	4	5	6	7	8
SS_1 (Units)	0	0	2	4	6	8	10	12	14

- A farmer grows rice and wheat, how will an increase in the price of rice affect the supply curve of wheat?
- Due to improvement in technology, the marginal costs of production of computers has come down. How will it affect the supply curve of computers?
- Due to cyclone in a coastal area, the sea water covers a lot of fields. This will reduce the productivity of land. How will it affect the supply curve of rice of that area?
- How is the price elasticity associated with a straight line supply curve passing through the origin making an angle 60° with OX-axis. (Foreign 2005)
- A straight line (or a linear) supply curve cuts the Y-axis (price axis). What can you say about elasticity of supply? (Foreign 2005)
- What is the price elasticity of supply of a straight line supply curve touching the OY-axis. (Foreign 2005)
- What is the price elasticity of supply of a straight line supply curve touching the OX-axis? (Foreign 2005)
- When the price of a commodity rises from Rs. 10 to Rs. 11 per unit, its quantity supplied rises by 100 units. Its price elasticity of supply is 2. Calculate its quantity supplied at the increased price. (AI 2006)
- The price elasticity of supply of a commodity is 2. When its price falls from Rs. 10 to Rs. 8 per unit, its quantity supplied falls by 500 units. Calculate the quantity supplied at the reduced price. (Delhi 2006)
- The elasticity of supply of a commodity is 3. An increase in its price from Rs. 20 to Rs. 21 per unit results in a rise in its quantity supplied by 150 units. Calculate its quantity supplied at the increased price. (Foreign 2006)
- The supply of a commodity at a price of Rs. 20 per unit is 500 units. A 10 per cent rise in its price results in a 15 per cent rise in its supply. Calculate its price elasticity of supply. Is its supply elastic? (AI 2007C)
- At a price of Rs. 10 per unit, the supply of a product is 500 units. When its price falls by 20 per cent, its supply is 350 units. Calculate its price elasticity of supply. Is its supply elastic? (Delhi 2007C)