<u>**Duration: 2 hours**</u>   <u>**Max. Marks: 80**</u>

Instructions:
1. All questions are compulsory.
2. Answer sub-questions in question no.1 and Question no.2 in not more than 100 words each.
3. Answer Question no. 3 to Question no. 6 in not more than 400 words each.
4. Figures to the right indicate maximum marks to the questions.
5. Draw neat diagrams wherever necessary.

Q. 1. Answer **any four** of the following: (4x4=16 marks)
   a) Explain the concept of engel curve.
   b) A consumer's income is Rs. 2000 and he purchases 10 kgs of rice. If his income rises to Rs. 4100, he is prepared to buy 12 kgs of rice. Calculate the income elasticity of demand.
   c) State and explain the necessary and sufficient conditions of consumer's equilibrium.
   d) Explain any four properties of an isoquant.
   e) Write a note on the concept of marginal rate of technical substitution.
   f) Explain the concept of economies of scope.

Q. 2. Answer **any four** of the following: (4x4=16 marks)
   a) How can monopoly power be measured?
   b) Explain the first degree and second degree of price discrimination.
   c) Write a note on the concept of horizontal and vertical integration of firms.
   d) Explain the concept of sales maximization under oligopoly.
   e) List out any four features of monopolistic competition.
   f) What are cartels?

Q.3.a. Explain the income and substitution effect.   (12 marks)

OR

   b. Explain the concept of price elasticity and price consumption curve.   (12 marks)

Q.4.a. Explain the various forms of economies and diseconomies of scale.   (12 marks)

OR

   b. Calculate the Total Fixed Cost (TFC), Total Variable Costs (TVC), Average Costs (AC), Average Fixed Cost (AFC), Average Variable Costs (AVC) and Marginal Costs (MC), from the following table:

Units of output	0	10	20	30	40	50	60	70	80	90	100
Total Cost	1000	1400	1700	1930	2100	2400	2900	3500	4200	5000	5900

                                                                        (12 marks)

Q.5.a. Explain the short run equilibrium of a firm under perfect competition.   (12 marks)

OR

b. Explain the short run and long run equilibrium under monopoly.   (12 marks)

Q.6.a. Explain the kinked demand model.   (12 marks)

OR

b. Explain the short run and long run equilibrium under monopolistic competition.   (12 marks)

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