

Reg. No. :

Question Paper Code : 52925

B.E./B.Tech. DEGREE EXAMINATIONS, APRIL/MAY 2019.

Sixth Semester

Robotics and Automation Engineering

EC 6665 — ECONOMICS FOR ENGINEERS

(Regulation 2013)

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

PART A — (10 × 2 = 20 marks)

1. Identify the micro and macro economics from the examples given below:
 - (a) Profit maximization of the firm
 - (b) Monetary Policy
 - (c) Balance of payment situation
 - (d) Utility of a consumer
2. Draw the demand and supply curve determining equilibrium price.
3. What is opportunity cost? Give an example.
4. Differentiate price discrimination and product differentiation.
5. Suggest any two solutions for negative externalities.
6. State quantity theory of money.
7. Distinguish between letter of credit and bills of exchange.
8. Outline the main objectives of establishing IBRD.
9. Graph the four phases of business cycle.
10. Mention any two causes of deflation.

PART B — (5 × 13 = 65 marks)

11. (a) Construct the different degrees of price elasticity of demand with relevant chart.

Or

- (b) Discuss the various methods of forecasting which help to forecast the demand from the perspective of producers.

12. (a) Considering the following table you are required to calculate TC, AFC, AVC, AC and MC. State why the cost curve is 'U' in Shaped?

Output (Units) :	0	1	2	3	4	5	6	7
Fixed Cost (Rs.) :	3000	3000	3000	3000	3000	3000	3000	3000
Variable Cost (Rs.) :	0	1000	1800	2400	3200	5000	7200	9000

Or

- (b) Highlight the characteristics of monopoly market. Draw the profit maximizing level of output through cost and revenue curves.

13. (a) Compile the factors which causes market failure and Illustrate your answer with real time examples.

Or

- (b) Enumerate the functions of commercial banks in promoting economic development.

14. (a) What are the causes of an adverse Balance of Payment? Give suggestions to remove an unfavourable BOP.

Or

- (b) Critically examine the factors determining exchange rate and its impact on Indian currency.

15. (a) Give your comments on consequences of inflation in India. In what way the monetary and fiscal policy measures are responsible for controlling inflation?

Or

- (b) Explain the concepts of national income. What problems arise in the estimation of national income in India?

PART C — (1 × 15 = 15 marks)

16. (a) “Engineers seek solution to the problems, and choose more economically viable solutions among all potential solutions is normally considered along with the technical aspects” — In this context justify the scope of economics for engineers.

Or

- (b) “Convincing billions of Indian citizens that Demonetization and digitalization is a remedy for the country’s growth and core economic problems” — Comment this statement.