B.E ELECTRICAL ENGINEERING Examination 2024
[4ᵗʰ Year; 2ⁿᵈ Semester]
Subject: ECONOMICS AND INDUSTRIAL MANAGEMENT
Part-I

Time: 3 hours   Use Separate Answer script for each part   Full Marks: 100

(50 marks for each Part)

[Answer any **five** questions from the following]

Q.1.	A. What do you understand by cross price elasticity of demand?. B. Explain how demand for different types of goods (normal, inferior, luxury) respond to change in income with the help of graphical representation.	3+7= 10 [CO1]
Q.2.	A. State the Law of Demand. B. Briefly state the factors that effect change in demand of a product/service C. Find out elasticity of product X if price changes from Rs. 75 to Rs. 105 and quantity demanded changes from 100 units to 170 units.	2+5+3= 10 [CO2 & CO5]
Q.3	A. State the features of a monopolistic competitive market?. B. Can a monopolist earn loss in Long-run? If not state the situation that a generic monopolist will face with regards to revenue earning in Long-run. .	4+2+4= 10 [CO2]
Q.4.	Write short notes on the following: a. Price discrimination b. Demand-pull inflation	5+5=10 [CO4]
Q.5.	A. State the features of an oligopoly market. B. How does the demand curve look like in an oligopoly market? C. Firm is a price-maker or price taker in perfect-competition?.	4+4+2=10 [CO5]
Q6	A. State the differences between currency depreciation and currency appreciation. B. State the different types of inflation with examples. C. State any two ways to control hyperinflation according to you.	4+4+2=10
Q7	A. What are the different causes of inflation globally? B. What effect does inflation has on a country's economy?	5+5=10
Q8	A. What do you understand by the term Bank? B. State the functions of a commercial Bank. C. What are the different types of bank that function in Indian Banking System?	2+5+3=10

B.E. Electrical Engg. Supplementary Examination 2024
[4th Year; 2nd Semester]
Subject: Economics & Industrial Management
Part-II

Time: 3 hours   Use Separate Answer script for each part   Full Marks:100

(50 marks for each Part)

[Answer any 5 (five) questions]

Q.1.	Times of performing a job element are recorded and some readings taken (in minutes) are as under.	10 [C04]

0.05	0.07	0.07	0.06	0.05	0.06	0.04	0.05	0.06	0.07

Find the actual number of readings required for conducting the time study of the job element.

Q.2.	Explain the features of a Functional Organization through a neat sketch.	10 [C02]
Q.3	A manufacturing house consumes an item priced at Rs.24/- each, at the rate of 450 units per annum. An inventory of 20 units is always kept as Safety Stock. The lead time for procurement is 2 months. The cost of ordering is Rs. 45/- per order and the Inventory Holding Cost is 20% per annum. Find: A. Economic Order Quantity B. Reorder Level C. Maximum Level D. Number of Orders per annum	4 + 2 + 2 + 2 = 10 [C04]
Q.4.	Explain the various types of costs associated with Inventory Management.	10 [C02]
Q.5.	Illustrate the advantages and disadvantages of Product Layout.	10 [C01]
Q.6.	A. Describe the differences between "Continuous Method" and "Snap Back Method" followed in Stop Watch Time Study. B. Explain the purposes for maintaining Safety Stock	5 + 5 = 10 [C02]
Q.7.	The daily consumption and lead time data of a specific item, as under, were collected from a manufacturing house.	10 [C04]

Daily Consumption (Kg.)	110	120	105	112	118	109
Lead Time for Supply (days)	21	26	24	30	28	26

Find the quantity of Safety Stock the company should keep for the item.

Q.8.	A. Describe the features of Preventive Maintenance. B. Differentiate between MTTF and MTBF.	6 + 4 = 10 [C02]