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School of Engineering Second Sessional Examination, Odd Semester (AS: 2022-23) B. Tech: CSE/CE/EE/ME/AI/EC [Year: 3rd] [Semester : 5th]	
Course Title: Engineering & Managerial Economics Course Code: BHS 3501	Max Marks: 60 Time: 3hrs

Instructions if any:

	SECTION 'A' Q.N.1. Attempt all parts of the following:	Course Objective	Marks
a)	Which market can you enter but you need patent rights & license system?	CO2	1
b)	Explain the condition of Hyperinflation in an economy.	CO1	1
c)	In which market product differentiation is the main features?	CO2	1
d)	What is the difference between GNP & NDP?	CO4	1
e)	Define net factor income from abroad.	CO2	1
f)	Write down the four main factors which are used in production?	CO1	1
g)	Explain the concept of Delphi method for forecasting	CO3	1
h)	What is the shape of short run average cost curve?	CO5	1
	SECTION 'B' **Q.N.2. Attempt any two parts of the following:**	**Course Objective**	**Marks**
a)	Discuss the causes of inflation and how can we prevent?	CO4	6
b)	Define Perfect competition. Explain price determination under perfect Competition?	CO2	6
c)	What do you mean by Income elasticity of demand? Why income elasticity of demand for a product is useful for a producer?	CO1	6
d)	Explain the law of return to scale with a suitable schedule and diagram.	CO5	6

	SECTION 'C' Q.N. Attempt any two parts of the following:	Course Objective	Marks
3. a)	What is Macro Economics? How does it differ from micro economics?	CO4	5
b)	How managerial economics is significant in profit maximization of firm?	CO3	5
c)	What is demand Forecasting? Explain Barometric Technique and End Use Survey Method.	CO1	5
4. a)	Long Run cost output relationship is an envelope of the family of short run cost curve. Give your views.	CO5	5
b)	Differentiate between short-run total cost curve and short-run average cost curve.	CO5	5
c)	Define production function. Discuss the importance of Production.	CO2	5
5. a)	What do you mean by Monopoly Market? Explain all the types of Monopoly Market. Give Examples.	CO2	5
b)	What are the main features of monopolistic Competition? How does it differ from Oligopoly Market?	CO4	5
c)	What does market in economics mean? What factors determine the market structure?	CO2	5
6. a)	Define the term Trade Cycle. Briefly discuss different phases of Trade Cycle.	CO5	5
b)	What is National Income? Explain the concept of GDP, NDP, GNP, Personal income.	CO3	5
c)	Are all rise in prices considered as Inflation? What is the acceptable or desirable limit of inflation?	CO5	5

Table 1: Mapping between COs and questions

COs	Questions Numbers	Total Marks
CO1	[Q1:b,f] [Q2: c][Q3:c]	13
CO2	[Q1a,c,e] [Q2-b) [Q4:c] [Q5-:a,c]	24
CO3	[Q1:g] [Q3:b] (Q6-b)	11
CO4	Q1-d ,Q2-a,Q3-a,Q5-b	17
CO5	Q1-h, Q2-d, Q4-a,b, Q 6^-a,c	27