Name: Student University Roll No.:	Printed Pages: 1

School of Engineering

Second Sessional Examination, Odd Semester (AS: 2023-24)

B. Tech: CSE/CSE-AI/CSE-CCML/CE/ME/EE **Year:** 3rd **Sem.:** 5th

Course Title: Engineering & Managerial Economics	**Max Marks: 60**
Course Code: BHS 3501	**Time: 3*hrs***

Instructions if any: Read the question Carefully.

	SECTION 'A' **Q.N.1. Attempt all parts of the following:**	**Course Objective**	**Marks**
a)	What is the shape of the average cost curve?	CO3	1
b)	Who has given Scarcity oriented definition in economics?	CO1	1
c)	Who is the father of Economics?	CO1	1
d)	Why long run average cost curve is called envelop curve?	CO2	1
e)	Explain the condition of Hyperinflation in an economy.	CO4	1
f)	Define net factor income from abroad.	CO1	1
g)	What is opportunity Cost?	CO1	1
h)	Which factors determine equilibrium price?	CO1	1

	SECTION 'B' **Q.N.2. Attempt any two parts of the following:**	**Course Objective**	**Marks**
a)	"Managerial Economics plays a very crucial role in engineering" .Comment.	CO3	6
b)	What is Law of Demand? What is the difference between demand schedule and demand curve?	CO1	6
c)	Define Perfect competition. Explain price determination under perfect competition?	CO5	6
d)	Explain the law of variable proportion with a suitable schedule and diagram.	CO3	6

	SECTION 'C'	**Course Objective**	**Marks**
	Q.N.3. Attempt any two parts of the following:		
a)	Discuss the role of Science, Engineering & Technology in economic development.	CO4	5
b)	What is Macro Economics? How does it differ from micro economics?	CO2	5
c)	How managerial economics does help the management in production, pricing & cost	CO5	5

	Q.N.4. Attempt any two parts of the following:		
a)	Differentiate between short-run total cost curve and short-run average cost curve.	CO2	5
b)	Calculate TFC,TVC,AFC,AVC,AC and Marginal cost.	CO2	5

Q	TC
0	10
1	20
2	18
3	23
4	35

c)	Define production function. Discuss the factors and importance of Production in brief.	CO4	5
	Q.N.5. Attempt any two parts of the following:		
a)	What do you mean by duopoly? How is it different from oligopoly market?	CO2	5
b)	What do you mean by Monopoly Market? Explain all the types of Monopoly Market. Give Examples.	CO2	5
c)	What does market in economics mean? What factors determine the market structure?	CO1	5
	Q.N.6. Attempt any two parts of the following:		
a)	Define the term Trade Cycle .Write short notes on recovery phase of business cycle.	CO5	5
b)	Briefly discuss policy measures to control inflation in an inflation.	CO3	5
c)	What is National Income? Explain the concept of GDP, NDP, GNP, Personal income.	CO4	5

Table 1: Mapping between COs and questions

(Number of COs may vary from course to course)

Cos	Questions Numbers	Total Marks
CO1	Q.1-b,c,f,g,h,Q.2-b,Q.5-c	16
CO2	Q.1-d,Q.3-b,Q.4-a,bQ.5-a,b	26
CO3	Q.1-a,Q.2-a,d,Q.6-b	18
CO4	Q.1-e,Q.3-a,Q.4-c,Q.6-c	16
CO5	Q.2-c,Q.3-c,Q.6-a	16