B.Tech II Year II Semester (R20) Regular Examinations August/September 2022
MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS
(Common to IT, CSE, CSE (AI), CSE (AI&ML), AI&DS, CSE (IoT), CSE (DS), ME and FT)

Time: 3 hours   Max. Marks: 70

PART – A
(Compulsory Question)
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1	Answer the following: (10 X 02 = 20 Marks)	
(a)	What do you mean by financial accounting?	2M
(b)	Identify methods for demand forecasting.	2M
(c)	Define isocosts.	2M
(d)	What are laws of returns?	2M
(e)	What are functions of partnership firms?	2M
(f)	What do you mean by monopolistic competition?	2M
(g)	Determine short term source of funds.	2M
(h)	Define the nature of capital budgeting.	2M
(i)	Write significance of journal.	2M
(j)	What is the significance of trial balance?	2M

PART – B
(Answer all the questions: 05 X 10 = 50 Marks)

2	Explain measurement of demand elasticity with appropriate numerical examples.	10M
	OR	
3	Define managerial economics. Explain its nature and scope.	10M
4	Describe cost concept and cost behaviour in break even analysis with numerical illustrations.	10M
	OR	
5	Explain short run and long run production function with suitable numerical example. Focus on the numerical example.	10M
6	Describe in detail determination of oligopoly price output.	10M
	OR	
7	Illustrate pricing strategies and also cite strategies adopted by various companies during the pandemic of Corona virus.	10M
8	Explain internal rate of return method with appropriate calculations.	10M
	OR	
9	Determine how to select a perfect project from among various projects by using Pay Back Method.	10M
10	Interpret various liquidity and profitability ratios with suitable examples.	10M
	OR	
11	Illustrate preparation of trading, profit & loss account and balance sheet of ten assumed transactions.	10M

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B.Tech II Year II Semester (R20) Regular & Supplementary Examinations August/September 2023

MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS

(Common to IT,CSE,(AI&DS),CSE(AI&ML),CSE(AI),CSE(IoT),CSE(DS),ME,FT,(AI&ML),CSD and CSE(CS))

Time: 3 hours

Max. Marks: 70

PART – A
(Compulsory Question)
*****

1	Answer the following: (10 X 02 = 20 Marks)	
(a)	Write any two functions of managerial economics.	2M
(b)	What are the different types of elasticity?	2M
(c)	Define law of variable proportions.	2M
(d)	What are the Returns to scale? Explain.	2M
(e)	Define Sole proprietary and its disadvantages.	2M
(f)	What is a market?	2M
(g)	What is capital and working capital?	2M
(h)	Write Working capital cycle.	2M
(i)	Define Journal.	2M
(j)	What are Liquidity ratios?	2M

PART – B
(Answer all the questions: 05 X 10 = 50 Marks)

2   Explain the role of managerial economics in decision making. Explain.   10M

OR

3   What is demand equation, demand curve and demand schedule? Explain with the help of suitable examples.   10M

4   Bring out the three phases of production in the short run with suitable diagram.   10M

OR

5   Beta Associates has the following details: 10M
Fixed cost = Rs. 40, 00,000;
Variable cost per unit = Rs. 200;
Selling price per unit = Rs. 400;
Find (i) The break-even sales quantity, (ii) The break-even sales, (iii) If the actual production quantity is 60,000, find contribution?

6   Discuss various forms of business organizations in few lines each.   10M

OR

7   "A firm in a perfect competition is a price taker" Discuss.   10M

8   What is working capital requirement? How do you estimate working capital requirement of a company?   10M

OR

9   A project cost Rs.1,00,000/- and yields an annual cash inflow of Rs.20,000/- for 8 years. Calculate payback period.   10M

10   What are the various types of ratios? Explain its significance in decision making.   10M

OR

11   Prepare a Trial Balance with the following information: 10M

Sr. No	Name of Account	Balance (Rs)	Sr. No	Name of Account	Balance (Rs)
(i)	Capital	2,00,000	(ii)	Stock	70,000
(iii)	Cash	1,80,000	(iv)	Debtors	3,00,000
(v)	Creditors	1,00,000	(vi)	Bank Loan	1,50,000
(vii)	Sales	3,00,000	(viii)	Purchases	2,00,000

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R20

B.Tech II Year II Semester (R20) Supplementary Examinations February 2023
MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS
(Common to IT, CSE, CSE(AI), CSE(AI&ML), AI&DS, CSE(IoT), CSE(DS), ME and FT)

Time: 3 hours

Max. Marks: 70

PART – A
(Compulsory Question)
*****

1		Answer the following: (10 X 02 = 20 Marks)	
	(a)	What are factors which affect demand forecasting?	2M
	(b)	Define functions of demand.	2M
	(c)	What are advantages of break Even Analysis?	2M
	(d)	Define isoquant.	2M
	(e)	Define joint stock companies.	2M
	(f)	What are public sector enterprises?	2M
	(g)	How to calculate working capital requirement?	2M
	(h)	Write the formula of Accounting Rate of Return method.	2M
	(i)	Why ledger is prepared?	2M
	(j)	Define concept of double entry book keeping.	2M

PART – B
(Answer all the questions: 05 X 10 = 50 Marks)

2	Illustrate types of demand forecasting with appropriate numerical examples.	10M
	OR	
3	Describe law of demand with suitable illustrations.	10M
4	Explain step by step application of Cobb-Douglas Production function with relevant illustrations.	10M
	OR	
5	Determine breakeven point from an imagined numerical problem with step by step calculations.	10M
6	Describe various pricing methods. Select the best pricing method and why.	10M
	OR	
7	Describe one type of market which you think best and why. Answer with examples.	10M
8	Explain components of working capital. Also describe how to calculate Economic order quantity of inventory, which is one of the components of working capital.	10M
	OR	
9	How to calculate net present value with assumed figures. Answer with step by step formula.	10M
10	Illustrate preparation of journal and ledger of ten assumed transactions.	10M
	OR	
11	Interpret various capital structure and activity ratios with suitable examples.	10M

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