

Reg. No. :

--	--	--	--	--	--	--	--	--	--	--	--

Question Paper Code:2037007
-----------------------------

B.E. / B.Tech. DEGREE EXAMINATIONS, NOV/ DEC 2024  
Seventh Semester  
Chemical Engineering  
U20CH702 – CHEMICAL PROCESS ENGINEERING ECONOMICS  
(Regulation 2020)

Time: Three Hours

Maximum: 100 marks

Answer All Questions

PART – A

(10 x 2 = 20 Marks)

1. What is Micro and Macro Economics?
2. Which principle explains the scenario of consumers will buy more products with low price?
3. What is an isoquant in production theory?
4. When do the diseconomies of scale occur?
5. How would you define a market, and what are the primary differences between perfect competition and monopoly in terms of characteristics?
6. Explain in short notes about Repo Rate.
7. What are the factors affecting depreciation?
8. Explain about Dimishing balance method.
9. What is the significance of preparing a trial balance, and how does it help in the detection of errors in accounting records?
10. What role does a journal play in the accounting process, and how does it differ from other financial records?

PART – B

(5 x 16 = 80 Marks)

11. (a) Difference between Micro Economics and Macro Economics. (16)

(OR)

(b) Explain in detail about Demand and supply theory. (16)

12. (a) Explain the concept of break-even analysis. How does it help in determining the profitability of a business? Include graphical representation. (16)

(OR)

(b) Analyze the concept of social cost-benefit analysis. How is it applied in project appraisal for evaluating the economic and social impact? (16)

13. (a) What is a central bank? Explain its primary functions, CRR, Bank Rate, Repo Rate, Reverse Repo Rate, SLR. (16)

(OR)

(b) Define monetary policy. Discuss about Monetary Policy and Fiscal Policy. (16)

14. (a) Explain the objectives of providing depreciation in the financial statements. Why is it essential for businesses to account for depreciation? (16)

(OR)

(b) Illustrate briefly about Straight line method, Diminishing balance method, Annuity method and Sinking Fund method. (16)

15. (a) What is a Ledger? Describe the process of posting entries from the Journal to the Ledger and its significance in financial accounting. (16)

(OR)

(b) What is a Profit and Loss Account? Discuss its purpose in financial reporting and how it is prepared. (16)

-----xxx-----