GUJARAT TECHNOLOGICAL UNIVERSITY
BE- SEMESTER–VII (NEW) EXAMINATION – WINTER 2020

Subject Code:2173610   **Date:25/01/2021**
Subject Name:Chemical Process Economics
Time:10:30 AM TO 12:30 PM   **Total Marks: 56**

Instructions:
1. Attempt any FOUR questions out of EIGHT questions.
2. Make suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.

			MARKS
Q.1	(a)	Explain project management.	03
	(b)	What are all the factors that are affecting inflation?	04
	(c)	Write down a short note on feasibility study.	07
Q.2	(a)	What are the factors of site selection?	03
	(b)	Explain the elements of cost of production.	04
	(c)	Explain the any one methods for calculating depreciation.	07
Q.3	(a)	Write down the functions of SIDBI.	03
	(b)	Differentiate Simple Interest and Compound Interest	04
	(c)	List and describe the major pre-project activities to be addressed to start a project activity.	07
Q.4	(a)	How to calculate EMI on your loan?	03
	(b)	Write down importance of working capital.	04
	(c)	Write down the different techniques of project cost estimation.	07
Q.5	(a)	Write down the functions of money.	03
	(b)	Write down short notes on CPM.	04
	(c)	Describe the various elements involved in the cost of project.	07
Q.6	(a)	Mention the classification of Industrial projects based on Industrial Sector.	03
	(b)	Write down the functions of project engineer.	04
	(c)	Explain the different sources of industrial finance.	07
Q.7	(a)	Discuss the various technical and non-technical activities involved in establishment of a project activity.	03
	(b)	With a suitable example mention the importance of payback period of a project	04
	(c)	What is EAC? Explain EAC with suitable example?	07
Q.8	(a)	Mention various types of Equity available for project financing.	03
	(b)	What is location Index?	04
	(c)	Elaborate Efficiency, Effectiveness and Relevance in project monitoring?	07

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