

Model Question Paper-1 with effect from 2019-20 (CBCS Scheme)

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Fourth Semester B.E. Degree Examination Chemical Technology-II (18CH43)

TIME: 03 Hours**Max. Marks: 100**

Note: 01. Answer any **FIVE** full questions, choosing at least **ONE** question from each **MODULE**.

Module -1			
Q.01	a	Explain extraction of vegetable oils? With neat flow diagram	12
	b	What are the different types of waxes? Explain	08
OR			
Q.02	a	Explain production of soaps in detail	12
	b	Differentiate between soaps and detergents	08
Module-2			
Q. 03	a	Explain extraction of sucrose from cane sugar?	12
	b	What are the different types of starches, Explain	
OR			
Q.04	a	Explain the production of ethanol by fermentation of molasses	10
	b	Explain the production of citric acid by fermentation	08
Module-3			
Q. 05	a	Describe the origin and classification of petroleum crudes	10
	b	Explain petroleum refining	10
OR			
Q. 06	a	Explain the intermediate and products from methane	10
	b	Explain the LPG technology	10
Module-4			
Q. 07	a	Discuss the formation and classification of coals	10
	b	Discuss the distriuctive distillation of coal	10
OR			
Q. 08	a	Explain thesulphate (kraft) process to manufacture pulp	12
	b	Explain the requirements for any cellulose raw materials for the pulp	08
Module-5			
Q. 09	a	Explain stages in polymerization	08
	b	Explain the production of PVC	12
OR			
Q. 10	a	Discuss about natural and synthetic rubber	10
	b	Discuss rubber compounding, with advantages	10