



6	Explain the construction, working and applications of Zinc-air battery. (10M)	CO3	II
	OR		
7	Discuss the principle of cathodic protection. Add a note on the sacrificial anode protection, its advantages and disadvantages. (10M)	CO3	III
8	Describe ultimate analysis of coal and its significance. (10M)	CO4	II
	OR		
9	Explain the preparation of synthetic petrol by Fischer-Tropsch's process. (10M)	CO4	II
10	A. Discuss the classification of natural rubber and process of vulcanization. (4M) B. Write about the preparation, properties and applications of Bakelite. (6M)	CO5	III
	OR		
11	What are conducting polymers? Describe the classification and mechanism of Conducting polymers. (10M)	CO5	II