



	(b) Explain are fuel cells? Mention their applications.	[5M] [5M]		
17	(a) Explain about the Principle and the types of Amperometric titrations. (b) Explain the construction and working of Dropping Mercury Electrode(DME).	[5M] [5M]	4	L2
	OR			
18	(a) Explain the principle and Instrumentation of Polarography. (b) Explain the Principle & instrumentation of Voltametric titrations.	[5M] [5M]	4	L2
19	(a) Write a note on chemical shift? (b) Explain the basic principle of NMR.	[5M] [5M]	5	L2
	OR			
20	(a) Explain the types of molecular vibrations in IR spectroscopy. (b) Write the application IR spectroscopy.	[5M] [5M]	5	L2