



	OR			
16	a) Explain the concept of carrier-to-noise ratio (C/N) in satellite links. b) Compare FDMA, TDMA, and CDMA in terms of efficiency and complexity.	5M 5M	3	L2 L4
17	a) Evaluate the factors to be considered while selecting an antenna for a high-capacity earth station. b) Explain the working of tracking systems used in earth stations.	5M 5M	4	L5 L2
	OR			
18	a) Describe how terrestrial interface influences earth station design. b) Analyze the significance of power test methods in earth station operations.	5M 5M	4	L3 L4
19	a) List differences between LEO and GEO satellite systems. b) Compare delay and throughput considerations for LEO and GEO systems.	5M 5M	5	L1 L4
	OR			
20	a) Illustrate how GPS receivers acquire and track satellite signals. b) Assess the role of Differential GPS in enhancing positioning accuracy.	5M 5M	5	L3 L5