

Q-4	Attempt all questions	(14)
	(a) Explain different feeding methods in Microstrip patch antenna	07
	(b) Explain Babinet's principle of slot antenna.	07
Q-5	Attempt all questions	(14)
	(a) Describe Various types of horn used at microwave frequency.	07
	(b) Explain Reflector Lens Antenna.	07
Q-6	Attempt all questions	(14)
	(a) Write the equation of Scalar potential and vector potential for short dipole. Derive the equation of electric field components and magnetic field components.	07
	(b) Explain the types of antenna measurements.	07
Q-7	Attempt all questions	(14)
	(a) Describe Rician Fading.	07
	(b) Draw diagram of log-periodic antenna	07
Q-8	Attempt all questions	(14)
	(a) Describe Ground Wave Propagation	07
	(b) Explain different layers of ionosphere.	07

