

Q-5	Attempt all questions	(14)
	(a) Explain wave propagation in dielectrics.	07
	(b) Describe Force on differential current element.	07
Q-6	Attempt all questions	(14)
	(a) Using neat sketch define position vector. By giving example, explain Gradient, Divergence and Curl.	08
	(b) What is your interpretation of field? Draw diagram and explain. State an example of scalar field and vector field each.	06
Q-7	Attempt all questions	(14)
	(a) Explain electric dipole and from this explanation define dipole moment.	07
	(b) Describe Dielectric Boundary conditions.	07
Q-8	Attempt all questions	(14)
	(a) Describe Poynting's Theorem.	07
	(b) Describe Magnetic Boundary conditions.	07

