B-16

Time. 3.00 fo 6.01pm

QP Code: 1927

		(3 Hours)	[Total Marks: 100
N.B. :	 (1) Question No.1 is compuls (2) Answer any four questions (3) Assume any suitable data w (4) Figures to the right indicat 	from the remaining six que herever required.	nestions.
1. An	(a) Maxwell's equation's for harmonia (b) Ground interference effects (c) Explain different types of ante (d) FRIIS transmission formula		12
	 Derive the expression for radiation a significance. Explain the significance of the term relationship between effective area and a significance. 	"Effective Area of an Antend	na". Derive the 10
	Derive the array factor of an N- elen condition for which the array will ra What is folded dipole antenna? Expl applications	diate in the broadside and e	nd fire direction
	Explain with suitable diagram the wor applications. Explain the different types of horn a	· ·	•
,	Draw and explain Yagi antenna. Sket Yagi Antenna. Explain the different components characteristics of ground waves?		
	Explain the principal modes of oper pattern. Explain the mechanism of isotropic and OWF.		
7. W	(a) Retarded potential and its application (b) Sleeve dipole (c) The equivalent noise temperate (d) Dielectric waveguide.		20

QP-Con. 8456-15.

Course: T.E. (SEM.-VI) (REV-2007) (E&TC ENGG.) (Prog- T3116)

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Correction:

Read: Q. No. 1. Carries 20 Marks

Query Update time: 26/11/2015 03:35 PM