## Paper / Subject Code: 88946 / Elective - II Radar Engineering

Time: 3 Hrs

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(1) Question no 1 is compulsory		8, 3, 3, 3, 3, 3, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5,
(2) Attempt any 3 question out of remaining.		
(2) Figures to the right indicate full marks.	Sold Barry Sold	
(3) Assume suitable data wherever necessary and indicat		1. S. T. S.
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Compose Over a composition of the composition of th		
Compare CW Radar with Frequency Modulated Radar		5.45]85.80
Explain Frequency Agility and Diversity Techniques of Explain factors which governs pulse depetition frequency		\$.[2](\chi_0)
Explain radar range equation.		12 18 18 18 18 18 18 18 18 18 18 18 18 18
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をなっているのかできるからかん		80,781
Explain Doppler Filter banks along with its merits and der	nerits 2 4 6 6 8 6	a <sup>5</sup> 101
What do you mean by Radar Cross Section? Explain RCS	nerits 2 % 6 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	[10]
	S. Company Services	
Draw and explain 'Delays Lines Gangellers at one with Site	80000 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	
response.	dreguency Co	[10]
Give importance of Match filter of Raday and discourse than		Γ1.O.7
30000000000000000000000000000000000000	Carrie Call.	[10]
Discussion in the Carlot of th	Contraction of the second	
Discuss in Brief Radar Resolution Cell land and Sea Chuft With the helm of data less than the land sea Chuft	ego	[10]
With the help of detailed block diagram explains Conica used in Radar Systems	l'Scanning	[10]
THE SERVICE OF THE SE		
Draw and explains Travelling Wave Tube Amplifier used	d in Radar	[10]
Compare low power and High Power Radar Transmitter and High Power Radar Transmitter	Ituuai	[10]
Cheirannilications of Society Power Radar Transmitter	along with	[10]
SOURCE STONE SERVICE S		
Constitution of the second of		
Explain methods of Integration of Radar Pulses to in	nnrovo :	F4 0-
detections Define Integration Improvement Factor. How do	es it affect	[10]
WINE STUNION CONTRACTOR		
Prawblock diagram of Maria and explain each block	in detail.	[10]
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