			(3	Hours)			[Total I	Marks:	80
N.B	(3	2) Solve 3) Assur	ion No. 1 is company four question ne suitable data if es to the right indi	s out of r required.		ng six.		6	
1.	(a)	Calcula	y four questions fate the percentage of 100 percent, where we seed.	power sa	aving	in AM mod	ulated wave to the sidebands	а	20
	(b) (c) (d) (e)	Describ Explain Explain	oe briefly the form n natural and flat n companding and s ionosphere? Ho	top samp l its need	ling co	ompare the nmunication	n.		
2.	(a) (b)	The outp 6.28 t. T (i) (iii)	help of Block dia ut voltage of a tra his voltage is fed Carrier frequence Carrier power Peak Power out	nsmitter to a load	is give	en by 500 (0 Ω resistar	1+0.4 sin 3140 nce Determine g frequency	t) sin	10 10
3.	(a) (b)	they ove Explain	e delta modulation rcome? Armstrong metho and phasor diagra	d of FM g					10 10
4.	(a) (b)	(i) (ii)	the following terr Signal to -noise noise figure the operation of th	ratio					10 10
5.	(a) (b)		generation of PA d explain importa						10 10
6.	(8	a) AGO	otes on any three C M and TDM	(b) (d)		noise triangl emphasis ar	e d De-emphasi	is	20