Total page=02

END SEMESTER EXAMINATION, 2020

Semester:6th

Subject code:Et-605

SCTE ASSAM Subject: MODERN COMMUNICATION SYSTEM(NEW)

Full Marks: 56
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All questions are compulsory. A SCTE ASSAM SCTE ASSAM SCTE ASSAM SCTE ASSAM

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Questions	CTE ASSAM SCTE ASSAM SCTE ASSAM ASAM ASSAM SCTE ASSAM SCTE ASSAM SCTE ASAM	
no.	CTF ASSAM SCTE ASSAM SCTE ASSAM SCTE ASSAM SCTE ASSAM SCTE ASSAM SCTE ASSAM	
Question 1	SCTE ASSAM	1X10=10
1a	Transponder consist of transmitter,, and frequency translator.	
1b	A launcher has fuel tanks carrying liquid and solid fuel that is to generate to thrust.ssam scte assam scte assam scte assam scte assam	
1c	The critical angle Φc=	
1d	The critical angle Φc=	
1e	When incident angle is become equal to critical angle, the angle of refraction becomes equal to the ASSAM SCTE	
1f	A satellite with an uplink frequency 6 GHZ and downlink at 4 GHz is called a e assam scre assam scr	
1g	The power system of satellite communication consist of storage batteries TEA(T/F). TEASSAM SCTE ASSAM SCTE ASSAM SCTE ASSAM SCTE ASSAM SCTE ASSAM	
1h	Optical connector is a device that distributes light from main fiber to one or more branch fibers. (T/F)	
1i	What is CCD?	
1j	What is Facsimile?	
Question no 2		3x5=15

2a	What is Kepler's third law? explain.	
2b	Give the meaning of satellite communication and write the services	
	provided by the satellite.	
2c	Explain digital switching.	
2d	Explain the meaning of GSM.	
2e	Describe 1G, 2G, 3G and 4G used in digital cellular telephone.	
Question no 3	SCTE ASSAM	4x4=16
3a	Explain how light signal travel through an optical fiber with appropriate figure. Te ASSAM SCTE ASSAM SCTE ASSAM SCTE ASSAM SCTE ASSAM SCTE ASSAM SCTE ASSAM	
3b	Describe the different stages involved in satellite launching.	
3c	Explain the packet switching with proper diagram.	
3d	Write about the public key encryption.	
Question no 4	SCTE ASSAM	5x3=15
4a	How image is transfer in CCD? explain with diagram. TE ASSAM	
4b	What do you understand by LASER and how it generate alight energy? Explain.	
4c	Describe the different channels of ISDN in brief.	

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