

07 SEP 2019

Seat No: \_\_\_\_\_

BSc.IT Semester-4 Examination

405-Computer Network  
Subject Code: 20993

Time: 2 Hours 30 Minutes

Total Marks: 70

Q-1 [a]	What is Communication? Explain Transmission mode in communication.	07
Q-1 [b]	Write a note on twisted pair cable in detail.	07
	OR	
Q-1 [a]	Explain Fiber Optic Cable in detail.	07
Q-1 [b]	What is Transmission Media? Give Difference between Guided and Unguided Transmission Media.	07
Q-2 [a]	Write a note on propagation in fiber.	07
Q-2 [b]	Write a note on DQDB.	07
	OR	
Q-2 [a]	What is Satellite? Explain types of Satellite.	07
Q-2 [b]	Write a note on FDDI.	07
Q-3 [a]	Write a detail note on ISDN.	07
Q-3 [b]	What is Switching Technique? Explain Message Switching Technique.	07
	OR	
Q-3 [a]	Explain Fax in detail.	07
Q-3 [b]	What is Multiplexing? Explain Time Division Multiplexing.	07
Q-4 [a]	Write a detail note on IEEE standard 802.3.	07
Q-4 [b]	Explain types of Bluetooth in detail.	07
	OR	
Q-4 [a]	Write a detail note on IEEE standard 802.4 and 802.5.	07
Q-4 [b]	List various network topologies? Explain any two network topologies in detail.	07
Q-5 [a]	Explain functionality of Firewall in detail.	07
Q-5 [b]	Write a detail note on Router and Modem.	07
	OR	
Q-5 [a]	Explain ATM in detail.	07
Q-5 [b]	Write a detail note on Repeater and Hub.	07