Sardar Patel Institute of Technology

Bhavan's Campus, Munshi Nagar, Andheri (West), Mumbai-400058, India

(Autonomous College Affiliated to University of Mumbai)

Mid Semester Examination

March 2019

Max. Marks: 20

Class: F.Y.MCA

Course Code: MCA22

Name of the Course: Computer Networks

Duration: 1Hrs

Semester:II

Branch: MCA

Instruction:
1. All questions are compulsory
2. Draw neat diagrams
3. Assume suitable data if necessary

Q No.		Max. Marks	CO
Q.1 (a)	Consider a noiseless channel with a bandwidth of 3000 Hz transmitting a signal with 2 signal level.Calculate maximum bit rate?	4	1
Q.1 (b)	Describe various transmission impairments	4	1
	OR		
	Illustrate Signal propagation with neat block diagram	4	
Q.2	Illustrate Star,Bus and Ring Topology with Advantage and Disadvantages?	6	2
	OR		
	List the different types of Communication and Mode of Communication.Explain with Neat Diagram.	6	
Q.3	Compare ISO-OSI and TCP/IP Model with neat diagram	6	3