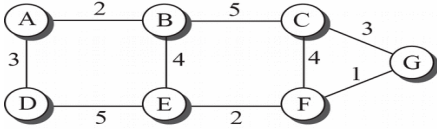




Internal Assessment Test - III

Sub:	COMPUTER COMMUNICATION NETWORKS					Code:	15EC64
Date:	-05-2009	Duration:	90 mins	Max Marks:	50	Sem:	VI
						Branch:	TCE

Answer Any FIVE FULL Questions

	Marks	OBE	
		CO	RBT
1. Explain formation of least cost tree for the given graph using Dijkstra's algorithm  a. The weighted graph	[10]	CO1	L1
2. a) Explain IPv4 datagram format with neat figure. b) Explain about basic service set and extended service set with neat figures.	[7+3]	CO1	L3
3. a) Explain Go back N protocol with neat diagrams of send and receive window. b) Explain why the size of send window and receive window of selective repeat protocol should be less than $2^m/2$.	[6+4]	CO1	L2
4. Explain three phases of Remote host and Mobile host communication	[10]	CO2	L2
5. Explain the operation of External and Internal Border Gateway Protocol	[10]	CO2	L2
6. a) Explain about the Bluetooth and also the two types of Network defined by Bluetooth. b) Explain the services provided by UDP and TCP.	[6+4]	CO3	L1
7. Explain the connectionless and connection-oriented service for transport layer and draw the FSM for the same.	[10]	CO2	L2
8. Explain TCP connection establishment, data transfer and connection termination using three way handshaking using segments with neat figures. [10]		CO2	L2

Course Instructor

Chief Course Instructor