GUJARAT TECHNOLOGICAL UNIVERSITY
MCA - SEMESTER– V• EXAMINATION – WINTER 2020

Subject Code:4659308   **Date:05/01/2020**

Subject Name:Advanced Network

Time:10:30 AM to 12:30 PM   **Total Marks: 56**

Instructions:
1. **Attempt any FOUR questions out of EIGHT questions.**
2. **Make suitable assumptions wherever necessary.**
3. **Figures to the right indicate full marks.**

Q.1	(a)	Answer the following questions:	07
		1. STUN stands for ……	
		2. Which protocol used for internet?	
		3. What is Last-mile Latency?	
		4. WLAN stands for ……	
		5. Ethernet protocol was inspired by the _____	
		6. LLC stands for ……	
		7. Which type of data received by record protocol?	
	(b)	Explain components of latency.	07
Q.2	(a)	Explain Avoidance and Control in detail.	07
	(b)	Explain bandwidth in core networks and bandwidth at the network edge.	07
Q.3	(a)	How we measuring and optimizing WIFI performance?	07
	(b)	Explain TLS session identifier and session tickets.	07
Q.4	(a)	Write different types of wireless networks. Explain in detail.	07
	(b)	Write the answer in brief.	
		1. Ubiquitous connectivity	04
		2. Bandwidth	03
Q.5	(a)	What is cross-origin resource sharing? Explain in detail.	07
	(b)	How to downloading and uploading data with XHP?	07
Q.6	(a)	What is event stream protocol for server-sent events?	07
	(b)	Explain cross-origin resource sharing.	07
Q.7	(a)	How to Receive and send text and binary data in WebSocket?	07
	(b)	Explain binary framing layer in detail.	07
Q.8	(a)	Explain standards and developments of WebRTC.	07
	(b)	How to establish a peer-to-peer connection in WebRTC?	07

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