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DAYANANDA SAGAR COLLEGE OF ENGINEERING

(An Autonomous Institute Affiliated to VTU, Belagavi)

ShavigeMalleshwara Hills, Kumaraswamy Layout, Bengaluru-560078

Department of Telecommunication Engineering

Internal Assessment Test – 3

Course:Computer Communication Networks   Date:04 -01-2021

Course Code**: 17TE7DCCCN**   Maximum marks: **50**

Semester:VII 'B'   Duration: **90 Min**

	Note: Maximum of 4 sub questions are allowed.	**Marks**
1	a) User datagram protocol is called connectionless because a) all UDP packets are treated independently by transport layer b) it sends data as a stream of related packets c) both (a) and (b) d) none of the mentioned b) Transmission control protocol is a) connection oriented protocol b) uses a three way handshake to establish a connection c) receives data from application as a single stream d) all of the mentioned c) Which one of the following is a version of UDP with congestion control? a) datagram congestion control protocol b) stream control transmission protocol c) structured stream transport d) none of the mentioned d) Transport layer protocols deals with a) application to application communication b) process to process communication c) node to node communication d) none of the mentioned e) Which one of the following is a transport layer protocol? a) stream control transmission protocol b) internet control message protocol c) neighbor discovery protocol d) dynamic host configuration protocol	1x10

f) The ___ translates internet domain and host names to IP address.
a) domain name system b) routing information protocol
c) network time protocol d) internet relay chat

g) Which one of the following allows a user at one site to establish a connection to another site and then pass keystrokes from local host to remote host?
a) HTTP b) FTP c) telnet d) none of the mentioned

h) Application layer protocol defines
a) types of messages exchanged
b) message format, syntax and semantics
c) rules for when and how processes send and respond to messages
d) all of the mentioned

i) Which one of the following protocol delivers/stores mail to receiver server?
a) simple mail transfer protocol b) post office protocol
c) internet mail access protocol d) hypertext transfer protocol

j) Which one of the following is not correct?
a) application layer protocols are used by both source and destination devices during a communication session
b) application layer protocols implemented on the source and destination host must match
c) both (a) and (b)
d) none of the mentioned

2	Explain Multicasting protcol	10
3	Design and Implementation of Distance vector routing with example	10
4 (a)	Explain the connection establishment and release in the TCP	10
	(OR)	
(b)	Explain UDP header format	10
5(a)	Explain Routing Information Protocol	10
	(OR)	
(b)	Explain Telnet,Rlogin and FTP in detail	10

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Faculty : Dr SS   No of copies: 75