

<b>P.V.P Siddhartha Institute of Technology</b>				Signature of Invigilator with date:	Marks Obtained:		
<b>Department of Computer Science and Engineering</b>							
Program: B.Tech	Year: III	Semester: 1	Objective: 2				
Regulation:PVP20	Maximum Marks:10Marks		Session: F.N				
A.Y:2024-25	Date: 23-10-24	Duration: 20 min					
<b>Course Code: 20CS3503</b>		<b>Course Name: Computer Networks</b>					
<b>Student Registered No.:</b>			<b>Student Name:</b>				
<b>Answer all the Questions. Each Question Carries ½ Mark</b>					<b>20×½ M =10M</b>		
Q.No.	Question				CO	Level	Answer
1.	_____ documents are fixed-content documents that are created and stored in a server A) Static B) Dynamic C) Private D) Public				CO1	L2	
2.	_____ is used to define how client-server programs can be written to retrieve web pages from Web A) HTTP B) DNS C) ARP D) NAT				CO1	L2	
3.	What is the maximum hop count allowed in RIP?				CO1	L2	
4.	In a dump of a UDP header in hexadecimal format. <b>0045DF0000580000</b> a. What is the source port number? b. What is the destination port number? c. What is the total length of the user datagram?				CO1	L2	
5.	In a dump (contents) of a UDP header in hexadecimal format. <b>0045DF0000580000</b> A. Is the packet directed from a client to a server or vice versa? B. What is the application-layer protocol? C. Has the sender calculated a checksum for this packet?				CO1	L2	
6.	Is RIP periodically broadcasts its entire routing table to neighboring routers. True/False				CO1	L2	
7.	In a nonpersistent connection, one TCP connection is made for each request/response State T/F				CO1	L2	
8.	Is BGP makes routing decisions based on hop count. True/False				CO1	L2	
9.	NVT denotes _____				CO1	L2	
10.	A _____ server is a computer that keeps copies of responses to recent requests. a) DNS b) Proxy c) Web d) File				CO1	L2	
11.	_____ is the standard protocol provided by TCP/IP for copying a file from one host to another a) FTP b) ARP c) DNS d) NAT				CO1	L2	
12.	_____ is a supplementary protocol that allows non-ASCII data to be sent through e-mail a) RIP b) MIME c) BGP d) EIGRP				CO1	L2	
13.	A technique called _____ is used to improve the efficiency of the bidirectional protocols.				CO1	L2	
14.	What is the primary purpose of the three-way handshake in TCP? a) To establish a connection between sender and receiver b) Routing the packet c) To acknowledge received data d) To retransmit lost data				CO1	L2	
15.	A transport-layer protocol can provide a) Connectionless and connection-oriented b) Connectionless c) Connection-oriented d) Stream oriented				CO1	L2	
16.	In Selective-Repeat protocol, an acknowledgment number defines the sequence number of _____ a) Lost packet received b) Error-free packet received c) Out of order packet received d) Inorder packet received				CO1	L2	
17.	What is the send window maximum size in Goback-N protocol? a) 1 b) $2^{m-1}$ c) $2m-1$ d) $2m+1$				CO1	L2	
18.	when a user wants to access an application program or utility located on a remote machine, she performs ----- logging A) remote . B)Local C)Private D) Public				CO1	L2	
19.	FTP operates over TCP on ports 20 and 21, True/False				CO1	L2	
20.	POP3 is designed for offline access by downloading all emails to a local machine. True/False				CO1	L2	