University of Mumbai
Examination 2020

Program: BE Electronics and Telecommunication Engineering

Curriculum Scheme: Revised 2016

Examination: Third Year Semester VI

Course Code: ECC602   and   Course Name: Computer Communication Network

Time: 1 hour   Max. Marks: 50

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Note to the students:- All the Questions are compulsory and carry equal marks .

Q1.	Which transmission media has the highest transmission speed in a network?
Option A:	coaxial cable
Option B:	twisted pair cable
Option C:	optical fiber
Option D:	electrical cable
Q2.	In Asynchronous Balanced Mode (ABM), the link is
Option A:	Unidirectional
Option B:	bidirectional
Option C:	Point to point
Option D:	Multipoint
Q3.	The _____ is the physical path over which a message travels
Option A:	Path
Option B:	Medium
Option C:	Protocol
Option D:	Route
Q4.	Which of the following tasks is not done by data link layer?
Option A:	framing
Option B:	error control
Option C:	flow control
Option D:	channel coding
Q5.	The number of layers in ISO OSI reference model is _____
Option A:	5
Option B:	7
Option C:	6
Option D:	10
Q6.	In polling method, the secondary stations follow its instructions and the primary stations controls the
Option A:	Transmission of frames

Option B:	Link
Option C:	Time delay
Option D:	Signals
Q7.	The protocol which is not related with the application layer of the tcp/IP model is
Option A:	TELNET
Option B:	FTP
Option C:	UDP
Option D:	SMTP
Q8.	Communication offered by TCP is _____
Option A:	Full-Duplex
Option B:	Half-Duplex
Option C:	Semi-Duplex
Option D:	Byte By Byte
Q9.	CRC stands for _____
Option A:	cyclic redundancy check
Option B:	code repeat check
Option C:	code redundancy check
Option D:	cyclic repeat check
Q10.	TCP tries to do the congestion control by dynamically manipulating the _____size.
Option A:	packet
Option B:	frame
Option C:	window
Option D:	header
Q11.	Automatic repeat request error management mechanism is provided by _____
Option A:	Logical Link Control Sublayer
Option B:	Media Access Control Sublayer
Option C:	Network Interface Control Sublayer
Option D:	Application Access Control Sublayer
Q12.	_____ assigns a unique number to each IP network adapter called the MAC address
Option A:	Media Access Control
Option B:	Metro Access Control
Option C:	Metropolitan Access Control
Option D:	Media Allocation Control
Q13.	Which of the following is false with respect to TCP?
Option A:	Connection-Oriented
Option B:	Process-To-Process

Option C:	Transport Layer Protocol
Option D:	Unreliable
Q14.	In HDLC, the S-frame does not contain which field?
Option A:	Flag
Option B:	Address
Option C:	Information
Option D:	Control
Q15.	If there is only one routing sequence for each source destination pair, the scheme is known as …..
Option A:	static routing
Option B:	fixed alternative routing
Option C:	standard routing
Option D:	dynamic routing
Q16.	In TCP, Sending And Receiving Data Is Done As _____
Option A:	Stream of Bytes
Option B:	Sequence of Characters
Option C:	Lines of Data
Option D:	Packets
Q17.	In the _____ method, the stations in a network are organized in a logical ring.
Option A:	polling
Option B:	token passing
Option C:	reservation
Option D:	some other method
Q18.	How often does a RIPv1 router broadcast its routing table by default?
Option A:	Every 30 Seconds
Option B:	Every 60 Seconds
Option C:	Every 90 Seconds
Option D:	Ripv1 Does Not Broadcast Periodically
Q19.	The Open Shortest Path First (OSPF) protocol is an intra-domain routing protocol based on …….. routing.
Option A:	distance vector
Option B:	link state
Option C:	path vector
Option D:	non distance vector
Q20.	Which feature of Go-Back-N ARQ mechanism possesses an ability to assign the sliding window in the forward direction?
Option A:	Control Variables
Option B:	Sender Sliding Window
Option C:	Receiver Sliding Window

Option D:	Resending Of Frames
Q21.	The Data Link Layer does not offer which of the following services:
Option A:	Unacknowledged connectionless service
Option B:	Acknowledged connectionless service
Option C:	Acknowledged connection oriented service
Option D:	Unacknowledged connection oriented service
Q22.	Which of the following is a UDP protocol?
Option A:	SMTP
Option B:	IMAP
Option C:	BGP
Option D:	SNMP
Q23.	TCP allows the sending process to deliver data as a _____ of bytes and allows the receiving process to obtain data as a _____ of bytes.
Option A:	message; message
Option B:	stream; stream
Option C:	block; block
Option D:	message; stream
Q24.	IPv6 uses a special notation called _____colon notation
Option A:	binary
Option B:	decimal
Option C:	hexadecimal
Option D:	byte
Q25.	The value of acknowledgement field in a segment defines _____
Option A:	sequence number of the byte received previously
Option B:	total number of bytes to receive
Option C:	sequence number of the next byte to be received
Option D:	sequence of zeros and ones