Program: EXTC Engineering
Curriculum Scheme: 2012
Examination: Third Year Semester VI
Course Code: ETC 603 and Course Name:CCTN

Time: 1 hour   Max. Marks: 50
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For the students:- All the Questions are compulsory and carry equal marks .

Q1.	Physical or logical arrangement of network is _____
Option A:	Topology
Option B:	Routing
Option C:	Networking
Option D:	Control
Q2.	Which network topology requires a central controller or hub?
Option A:	Star
Option B:	Mesh
Option C:	Ring
Option D:	Bus
Q3.	_____ topology requires a multipoint connection
Option A:	Star
Option B:	Mesh
Option C:	Ring
Option D:	Bus
Q4.	The portion of physical layer that interfaces with the media access control sublayer is called:
Option A:	physical signalling sublayer
Option B:	physical data sublayer
Option C:	physical address sublayer
Option D:	OSI Layer
Q5.	Data communication system within a building or campus is_____
Option A:	LAN
Option B:	WAN
Option C:	MAN
Option D:	PAN
Q6.	Ethernet frame consists of:
Option A:	MAC address
Option B:	IP address
Option C:	Data frames
Option D:	packets

Q7.	MAC address is of:
Option A:	24 bits
Option B:	26 bits
Option C:	42 bits
Option D:	48 bits
Q8.	You want to implement a mechanism that automates the IP configuration, including IP address, subnet mask, default gateway, and DNS information. Which protocol will you use to accomplish this?
Option A:	STMP
Option B:	SNMP
Option C:	DHCP
Option D:	ARP
Q9.	Communication system spanning states, countries, or the whole world is _____
Option A:	LAN
Option B:	WAN
Option C:	MAN
Option D:	PAN
Q10.	What layer in the TCP/IP stack is equivalent to the Transport layer of the OSI model?
Option A:	Application
Option B:	Host-to-Host
Option C:	Internet
Option D:	Network Access
Q11.	The data link layer takes the packets from _____ and encapsulates them into frames for transmission.
Option A:	network layer
Option B:	physical layer
Option C:	transport layer
Option D:	application layer
Q12.	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

Q13.	Which sublayer of the data link layer performs data link functions that depend upon the type of medium?
Option A:	logical link control sublayer
Option B:	media access control sublayer
Option C:	network interface control sublayer
Option D:	error control sublayer
Q14.	Communication channel is shared by all the machines on the network in _____
Option A:	broadcast network
Option B:	unicast network
Option C:	multicast network
Option D:	anycast network
Q15.	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
Q16.	Complex networks today are made up of hundreds and sometimes thousands of _____
Option A:	Documents
Option B:	Components
Option C:	Servers
Option D:	Entities
Q17.	Performance management is closely related to _____
Option A:	Proactive Fault Management
Option B:	Fault management
Option C:	Reactive Fault Management
Option D:	Preventive Fault Management
Q18.	Configuration management can be divided into two subsystems: reconfiguration and _____
Option A:	Documentation

Option B:	Information
Option C:	Servers
Option D:	Entity
Q19.	In Network Management System, the term that is responsible for controlling access to network based on predefined policy is called _____
Option A:	Fault Management
Option B:	Secured Management
Option C:	Active Management
Option D:	Security Management
Q20.	The physical connection between an end point and a switch or between two switches is _____
Option A:	Transmission path
Option B:	Virtual path
Option C:	Virtual circuit
Option D:	Transmission circuit
Q21.	Transport layer aggregates data from different applications into a single stream before passing it to _____
Option A:	network layer
Option B:	data link layer
Option C:	application layer
Option D:	physical layer
Q22.	. Which of the following are transport layer protocols used in networking?
Option A:	TCP and FTP
Option B:	UDP and HTTP
Option C:	TCP and UDP
Option D:	HTTP and FTP
Q23.	User datagram protocol is called connectionless because _____
Option A:	all UDP packets are treated independently by transport layer
Option B:	it sends data as a stream of related packets
Option C:	it is received in the same order as sent order
Option D:	it sends data very quickly
Q24.	_____ is the multiplexing technique that shifts each signal to a different carrier

	frequency.
Option A:	FDM
Option B:	TDM
Option C:	Both FDM & TDM
Option D:	PDM
Q25.	An endpoint of an inter-process communication flow across a computer network is called _____
Option A:	socket
Option B:	pipe
Option C:	port
Option D:	machine