

University of Mumbai
Examination 2020 under cluster 4 (PCE)

Program: BE Computer Engineering

Curriculum Scheme: Rev2016

Examination: Third Year Semester VI

Course Code: CSDL06014 and Course Name: Advanced Computer Network

Time: 1 hour

Max. Marks: 50

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

Q1.	Given L = number of bits in the packet, a = average rate and R = transmission rate. The Traffic intensity in the network is given by _____
Option A:	La/R
Option B:	LR/a
Option C:	R/La
Option D:	Ra/L
Q2.	The time required to examine the packet's header and determine where to direct the packet is part of _____
Option A:	Processing delay
Option B:	Queuing delay
Option C:	Transmission delay
Option D:	Propagation delay
Q3.	The application-level protocol in which a few manager stations control a set of agents is called _____
Option A:	HTML
Option B:	SNMP
Option C:	SNMP/IP
Option D:	TCP
Q4.	SNMP is the framework for managing devices in an internet using the _____
Option A:	TCP/IP protocol
Option B:	UDP
Option C:	SMTP
Option D:	ICMP
Q5.	For SNMP, defines the general rules for naming objects, defining object types, and showing how to encode objects and values.
Option A:	MIB
Option B:	BER
Option C:	SMI
Option D:	NONE
Q6.	_____ runs the SNMP client program; _____ runs the SNMP server program.
Option A:	A manager; a manager
Option B:	An agent; an agent
Option C:	A manager; an agent
Option D:	An agent; a manager

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Q7.	SNMP uses two other protocols: _____ and _____.
Option A:	MIB; SMTP
Option B:	SMI; MIB
Option C:	FTP; SMI
Option D:	TCP,UDP
Q8.	Which statement is true regarding classless routing protocols?
Option A:	The use of discontinuous networks is not allowed
Option B:	The use of variable length subnet masks is permitted
Option C:	RIPv1 is a classless routing protocol
Option D:	RIPv2 supports classless routing
Q9.	In the router forwards the receive packet through only one of its interfaces.
Option A:	unicast
Option B:	multicasting
Option C:	Broadcasting
Option D:	point to point
Q10.	Which of the following is not the requirement of routing function?
Option A:	Correctness
Option B:	Robustness
Option C:	Delay time
Option D:	Stability
Q11.	Which of the following is false with respect to the features of OSPF?
Option A:	Support for fixed-length subnetting by including the subnet mask in the routing message
Option B:	More flexible link cost than can range from 1 to 65535
Option C:	Use of designated router
Option D:	Distribution of traffic over multiple paths that have equal cost to the destination
Q12.	Which of the following attributes is considered to be BGP's extensive route-selection component?
Option A:	ORIGINATOR_ID
Option B:	MULTI_EXIT_DISCRIMINATOR
Option C:	CLUSTER_LIST
Option D:	AS_PATH
Q13.	BGP is used to advertise which of the following?
Option A:	Network hosts
Option B:	Network paths
Option C:	Network switches
Option D:	Network servers
Q14.	In IGMP, a membership report is sent one after the other within a few moments, that too

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Option A:	Just Once
Option B:	Twice
Option C:	Three times
Option D:	Four times
Q15.	Which of the following is a simplex protocol?
Option A:	Multicast Source Discovery Protocol (MSDP)
Option B:	User datagram protocol(UDP)
Option C:	Resource Reservation Protocol (RSVP)
Option D:	Internet Group Management Protocol (IGMP)
Q16.	An RTP session is established for _____
Option A:	each media stream
Option B:	all media streams
Option C:	some predefined number of media streams
Option D:	no media stream
Q17.	How many OSI layers are covered in the X.25 standard?
Option A:	2
Option B:	7
Option C:	3
Option D:	6
Q18.	x.25 protocol uses
Option A:	Its own physical layer
Option B:	The physical layer of ethernet
Option C:	Physical layer of token ring
Option D:	Physical layer of ATM
Q19.	x.25 is -----protocol
Option A:	LAN
Option B:	MAN
Option C:	WAN
Option D:	PAN
Q20.	The standard suit of protocols used by the Internet, intranets, extranets, and some other networks.
Option A:	TCP/IP
Option B:	Protocol
Option C:	Open Systems
Option D:	Internetwork processor
Q21.	The X.25 standard specifies a
Option A:	technique for start-stop data
Option B:	technique for dial access
Option C:	DTE/DCE interface
Option D:	DCE/DCE interface

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Q22.	In ATM, the _____ layer defines the transmission medium, bit transmission, encoding, and electrical-to-optical transformation.
Option A:	AAL
Option B:	physical
Option C:	ATM layer
Option D:	AAL 4
Q23.	The VPI of a UNI is _____ bits in length.
Option A:	32
Option B:	16
Option C:	12
Option D:	8
Q24.	What is SDH?
Option A:	SDH is similar standard to SONET developed by ITU-T
Option B:	synchronous digital hierarchy
Option C:	SDH stands for synchronous digital hierarchy and is a similar standard to SONET developed by ITU-T
Option D:	none of the mentioned
Q25.	The term HTTP stands for?
Option A:	Hyper terminal tracing program
Option B:	Hypertext tracing protocol
Option C:	Hypertext transfer protocol
Option D:	Hypertext transfer program

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Question	Correct Option (Enter either 'A' or 'B' or 'C' or 'D')
Q1.	A
Q2.	A
Q3.	B
Q4	A
Q5	C
Q6	C
Q7	B
Q8.	B
Q9.	B
Q10.	B
Q11.	A
Q12.	B
Q13.	B
Q14.	B
Q15.	C
Q16.	A
Q17.	C
Q18.	A
Q19.	B
Q20.	A
Q21.	C
Q22.	B
Q23.	D
Q24.	C
Q25.	C