

University of Mumbai
Examination 2020 under cluster 2 (FrCRCE)

Program: BE Electronics Engineering

Curriculum Scheme: Revised 2016

Examination: Final Year Semester VII

Course Code: ELXDLO7032 and Course Name: Advance Networking Technologies

Time: 1 hour

Max. Marks: 50

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

Q1.	IEEE 802.11 standard is meant for _____.
Option A:	Bluetooth
Option B:	WSN
Option C:	Wi-Fi
Option D:	ZigBee
Q2.	CSMA/ CA algorithm is used in wireless networking to avoid _____.
Option A:	Collision of packets between nodes
Option B:	Exchange of frames between nodes
Option C:	Addition multiple users in the network
Option D:	Error while transfer of data
Q3.	Bluetooth is an IEEE sub standard of _____.
Option A:	802.11
Option B:	802.15
Option C:	802.16
Option D:	802.03
Q4.	Two major interfaces present in ATM network can be _____.
Option A:	NNI & PNI
Option B:	PNI & UNI
Option C:	UNI & NNI
Option D:	INI & NNI
Q5.	ATM uses _____.
Option A:	Asynchronous Frequency Division Multiplexing
Option B:	Asynchronous Space Division Multiplexing
Option C:	Asynchronous Amplitude Division Multiplexing
Option D:	Asynchronous Time Division Multiplexing
Q6.	The Identifier that is used in ATM for data transfer in virtual circuit network is called _____.

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Option A:	Global address
Option B:	Virtual circuit identifier
Option C:	Network identifier
Option D:	IP identifier
Q7.	Which ATM bit rate is not supported by ATM services?
Option A:	CBR
Option B:	VBR
Option C:	DBR
Option D:	ABR
Q8.	Which two methods are present in information acquiring in RFID?
Option A:	Inductive Coupling & Propagation Coupling
Option B:	Inductive Coupling & Capacitive Coupling
Option C:	Capacitive Coupling & Radiative Coupling
Option D:	Capacitive Coupling & Non-Radiative Coupling
Q9.	What is the maximum number of active Bluetooth devices in a piconet?
Option A:	6
Option B:	7
Option C:	8
Option D:	9
Q10.	Audio support feature in Bluetooth is available in which layer?
Option A:	Baseband Layer
Option B:	L2CAP Layer
Option C:	Bluetooth Radio Layer
Option D:	Link Management Layer
Q11.	From the point of energy consumptions in WSN, which type of communication is more suitable?
Option A:	Multipath
Option B:	Point to point path
Option C:	Fixed path
Option D:	No path
Q12.	Relative to other technologies such as Bluetooth, WiFi and cellular, Zigbee provides wireless communication that provides _____.
Option A:	Lower cost
Option B:	Lower Size
Option C:	Longer battery life
Option D:	Longer range
Q13.	In a piconet, one master device _____.
Option A:	can not be slave

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Option B:	can be slave in the same piconet
Option C:	can be master in another piconet
Option D:	can be slave in another piconet
Q14.	In SONET/SDH, all clocks in the network are locked to a _____.
Option A:	Anti-lock Zone
Option B:	Master Clock
Option C:	No Clock
Option D:	Master Zone
Q15.	In SONET, 8000 frames can be grouped to form which type of signal?
Option A:	STS-n
Option B:	STM
Option C:	OC
Option D:	VC
Q16.	Which device is transparent to any type of signal modulation?
Option A:	Repeaters
Option B:	Circulators
Option C:	Optical amplifiers
Option D:	Modulators
Q17.	In case of DWDM, the connection between two optical devices are called as ____.
Option A:	Line
Option B:	Section
Option C:	Path
Option D:	Fiber
Q18.	Packet filtering firewalls are also called _____.
Option A:	first generation firewalls
Option B:	second generation firewalls
Option C:	third generation firewalls
Option D:	fourth generation firewalls
Q19.	Firewall examines each _____ that are entering or leaving the internal network.
Option A:	emails users
Option B:	updates
Option C:	connections
Option D:	data packets
Q20.	Which is not the part of unicast routing?
Option A:	OSPF
Option B:	RIP
Option C:	BGP

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Option D:	ARP
Q21.	Which routing algorithm does provide shortest path computation in the graphical manner?
Option A:	Bellman-ford algorithm
Option B:	Routing information protocol
Option C:	Dijkstra's algorithm
Option D:	Distance vector routing
Q22.	Which of the following architectural standards is working with cloud computing industry?
Option A:	Service-oriented architecture
Option B:	Standardized Web services
Option C:	Web-application frameworks
Option D:	On-demand self service
Q23.	Which of the following is not a major type of cloud computing usage?
Option A:	Software as a Service [SaaS]
Option B:	Hardware as a Service [HaaS]
Option C:	Platform as a Service [PaaS]
Option D:	Infrastructure as a Service [IaaS]
Q24.	Azure cloud services are provided by which vendor?
Option A:	Amazon
Option B:	VMware
Option C:	Microsoft
Option D:	IBM
Q25.	Structure of Management Information (SMI), is the guideline of _____.
Option A:	HTTP
Option B:	SNMP
Option C:	URL
Option D:	MIB