

18CSC4302J-COMPUTER NERKS
QUESTION BANK
UNIT-V
(MULTIPLE CHOICE QUESTIONS)

S.NO	QUESTION	BLOOMS LEVEL	CLO	PG. NO
1.	. ATM and frame relay are _____ a) virtual circuit networks b) datagram networks c) virtual private networks d) virtual public networks			
2.	ATM uses _____ a) asynchronous frequency division multiplexing b) asynchronous time division multiplexing c) asynchronous space division multiplexing d) asynchronous amplitude division multiplexing			
3.	ATM standard defines _____ layers. a) 2 b) 3 c) 4 d) 5			
4.	ATM can be used for _____ a) local area network b) wide area network c) campus area network d) networks covering any range		1	
5.	Frame relay has error detection at the _____ a) physical layer b) data link layer c) network layer d) transport layer		1	
6.	Virtual circuit identifier in frame relay is called _____ a) data link connection identifier b) frame relay identifier c) cell relay identifier d) circuit connection identifier		1	
7.	Frame relay has _____ a) only physical layer		1	

	b) only data link layer c) only network layer d) both physical and data link layer			
8.	In frame relay networks, extended address is used _____ a) to increase the range of data link connection identifiers b) for error detection c) for encryption d) for error recovery		1	
9.	What is FRAD in frame relay network? a) FRAD assembles and disassembles the frames coming from other protocols b) FRAD is used for modulation and demodulation c) FRAD is used for error detection d) FRAD is used for error recovery		1	
10.	Automatic repeat request error management mechanism is provided by _____ a. logical link control sub layer b. media access control sub layer c. network interface control sub layer d. application access control sub layer		1	
11.	Which sub layer of the data link layer performs data link functions that depend upon the type of medium? a. logical link control sublayer b. media access control sublayer c. network interface control sublayer d. error control sublayer		1	
12.	When 2 or more bits in a data unit has been changed during the transmission, the error is called ____ a. random error b. burst error c. inverted error d. double error		1	
13.	Which type of Sframe in HDLC exhibit the correspondence of last three bits [N(R)] by defining the negative acknowledgement (NAK) number with the code value of '01'? a. Receive ready		1	

	b. Receive not ready c. Reject d. Selective Reject			
14.	Which operational mode/s of HDLC support/s the balanced configuration by governing point to point link connectivity in addition to the primary as well as secondary functions performed by the station? a. NRM b. ABM c. NRM & ABM d. ARP		1	
15.	The program used to determine the round trip delay between a workstation and a destination address is a. Tracert b. Traceroute c. Ping d. Pop		1	
16.	Home broadband connections that work on DSL (Digital Subscriber Line) use ___ protocol A) PPPoE (PPP over Ethernet) B) PPPoA (PPP over ATM) C) Bridge protocol D) PPPoA,PPPoE& Bridge protocol		1	
17.	In the Internet Protocol Control Protocol, The code value of 0x04 is used to represent the packet of A) Configure request B) Configure reject C) Terminate request D) Code reject		1	
18.	The link Control protocol packet that refers to accept the shutdown request has used the code of A)0?0a		1	

	B)0?0b C)0?06 D)0?07			
19.	Point to point protocol(PPP) is a byte oriented protocol using byte stuffing with the escape byte A)1111101 B)11001101 C)1011101 D)11101		1	
20.	The link Control Protocol(LCP) is responsible for establishing, maintaining, Configuring and A) Unidirectional link B) Terminating link C) Network D) Multipoint link		1	
21.	Internet users use the A)High-level data link Control B)password authentication protocol C) Multipoint protocol D)Point to point protocol		1	
22.	In _____, the configuration is balanced. The link is point-to-point, and each station can function as a primary and a secondary. A)ARM B)ABM C)NBM D)NRM		1	

23.	In _____, the station configuration is unbalanced. We have one primary station and multiple secondary stations. A)ARM B)ABM C)NBM D)NRM		1	
24.	In PPP, the _____ is responsible for establishing, maintaining, configuring, and terminating links. a.NCP b.LCP c.CHAP d.PAP		1	
25.	In PPP, _____ is a simple authentication procedure with a two-step process. a.NCP b.LCP c.CHAP d.PAP		1	
26.	Frame relay has error detection at the _____ A.Physicallayer B)Datalinklayer C)Networklayer D) Transport Layer		1	
27.	Which sub-layer of the data link layer performs data link functions that depend upon the type of medium? A.Logical Link Control Sub Layer B.Media Access Control Sub Layer C.Network Interface Control Sub Layer		1	

	D.Application Access Control Sub Layer			
28.	Which Of The Following Describes The Creation Of Private Networks Across The Internet, Enabling Privacy And Tunneling Of Non-TCP/IP Protocols? A.HDLC B.Cable C.VPN D.Ipsec		1	
29.	Home Broadband Connections That Work On DSL (Digital Subscriber Line) Use ____ Protocol A.Pppoe (PPP Over Ethernet) B.Pppoa (PPP Over ATM) C. Bridge Protocol D.Pppoa,Pppoe& Bridge Protocol		1	
30.	Virtual Circuit Identifier In Frame Relay Is Called _____ A. Data Link Connection Identifier B. Frame Relay Identifier C. Cell Relay Identifier D. Circuit Connection Identifier		1	
31.	Radio Channels Are Attractive Medium Because ____ A) Immune electromagnetic interference B) Connectivity Can Be Given To Mobile User C) Can Carry Signals D) Less Frequency		1	
32.	An ATM Cell Has The Payload Field Of ____ A) 32 Bytes B) 48 Bytes C) 64 Bytes D) 128 Bytes		1	

33.	<p>Which Of The Following Factors Affect Transmission Rate In DSL?</p> <p>A) The Gauge Of The Twisted-Pair Line</p> <p>B) Degree Of Electrical Interference</p> <p>C) Shadow Fading</p> <p>D) The Gauge Of The Twisted-Pair Line And Degree Of Electrical Interference</p>		1	
34.	<p>Which Of The Following Statements Is Not Applicable For Cable Internet Access?</p> <p>A) It Is A Shared Broadcast Medium</p> <p>B) It Includes Hfcs</p> <p>C) Cable Modem Connects Home PC To Ethernet Port</p> <p>D) Analog Signal Is Converted To Digital Signal In DSLAM</p>		1	
35.	<p>DSL Telcos Provide Which Of The Following Services?</p> <p>A) Wired Phone Access</p> <p>B) ISP</p> <p>C) Wired Phone Access And ISP</p> <p>D) Network Routing And ISP</p>		1	
36.	<p>Internet Access By Transmitting Digital Data Over The Wires Of A Local Telephone Network Is Provided By ____</p> <p>A) Leased Line</p> <p>B) Digital Subscriber Line</p> <p>C) Digital Signal Line</p> <p>D) Digital Leased Line</p>		1	
37.	<p>There Are ____ Total Features Of Frame Relay.</p> <p>A) Five</p> <p>B) Seven</p> <p>C) Nine</p>		1	

	D) Ten			
38.	<p>Frame Relay Does Not Provide Flow Or Error Control, They Must Be Provided By The __</p> <p>A) Lower Level Protocol</p> <p>B) Highest Level Protocol</p> <p>C) Upper Level Protocol</p> <p>D) Lowest Level Protocol</p>		1	
39.	<p>Fiber Optics Posses Following Properties ____</p> <p>A) Immune Electromagnetic Interference</p> <p>B) Very High Signal Attenuation</p> <p>C) Eassy To Tap</p> <p>D) Very less To Tap</p>		1	
40.	<p>Terrestrial radio channels are broadly classified into ____ groups.</p> <p>A) 2s</p> <p>B) 3</p> <p>C) 4</p> <p>D) 1</p>		1	
41.	<p>To Handle Frames Arriving From Other Protocols, Frame Relay Uses A Device Called A ____.</p> <p>A) MUX</p> <p>B) VOFR</p> <p>C) FRAD</p> <p>D) MOV</p>		1	
42.	<p>In ATM, The ____ Layer Defines The Transmission Medium, Bit Transmission, Encoding, And Electrical-To-Optical Transformation.</p> <p>A) AAL</p> <p>B) Physical</p>		1	

	<p>C) ATM Layer</p> <p>D) Network</p>			
43.	<p>In A ____ ATM LAN, The Backbone That Connects Traditional LANS Uses ATM Technology.</p> <p>A) Legacy</p> <p>B) Pure</p> <p>C) Mixed Architecture</p> <p>D) Automatic</p>		1	
44.	<p>This Type Of DSL Is Used For Wideband Digital Transmission Within A Corporate Site And Between The Telephone Company And A Customer. It Is Symmetrical, Meaning That An Equal Amount Of Bandwidth Is Available In Both Directions.</p> <p>A. BAL</p> <p>B. High Bit-Rate DSL</p> <p>C. Vbns</p> <p>D. Wideband Code-Division Multiple Access</p>		1	
45.	<p>This Device Divides The Incoming Signal Into Low Frequencies To Send To Voice Devices, And High Frequencies For Data To The Computer.</p> <p>A. Multicast Router</p> <p>B. Interface Device</p> <p>C. Sequencer</p> <p>D. Splitter</p>		1	
46.	<p>This Is A Network Device, Usually At A Telephone Company Central Office, That Receives Signals From Multiple Customer DSL Connections And Puts The Signals On A High-Speed Backbone Line.</p> <p>A. Mbone</p> <p>B. Repeater</p>		1	

	C. Hub D. DSLAM			
47.	The Twisted Pair Cable In Which Metal Casing Improves The Penetration Of Noise Or Crosstalk Is Called____ A. Insulated Twisted Pair Cable B. Shielded Twisted Pair Cable C. Unshielded Twisted Pair Cable D. Both And B		1	
48.	____ Provides An Isolated Tunnel Across A Public Network For Sending And Receiving Data Privately As If The Computing Devices Were Directly Connected To The Private Network. A) Visual Private Network B) Virtual Protocol Network C) Virtual Protocol Networking D) Virtual Private Network		1	
49.	Site-To-Site Vpns Are Also Known As ____ A) Switch-To-Switch Vpns B) Peer-To-Peer Vpns C) Point-To-Point Vpns D) Router-To-Router Vpns		1	
50.	In Frame Relay, an address can be _____ bytes. A. only 2 B. 2 to 3 C. 2 to 4 D. 2 to 5		1	