

NADAR SARASWATHI COLLEGE OF ENGINEERING AND TECHNOLOGY, THENI.

Course/Branch : B.E/ECE	Year / Semester :III/V	Format No.	NAC/TLP-07a.13
Subject Code : EC8551	Subject Name : Communication Networks	Rev. No.	02
Unit No : 5	Unit Name : Application Layer	Date	30.09.2020

OBJECTIVE TYPE QUESTION BANK

S. No.	Objective Questions (MCQ /True or False / Fill up with Choices)	BTL
1.	The mean delay of static channel allocation in LANS and MANS using FDM is (A) $T=1/A$ (B) $T=1/pc$ (C) $T=1/(pc-A)$ (D) $T=1/p$	L2
2.	What is the port number for (File Transfer Protocol - Control) FTP? (A) 20 (B) 21 (C) 22 (D) 35	L5
3.	Port number for (Secure Shell) SSH? (A) 20 (B) 21 (C) 25 (D) 22	L5
4.	Busy Waiting is found in (A) ALOHA (B) Slotted ALOHA (C) 1-persistent CSMA (D) non-persistent CSMA	L6
5.	Contention Slots are not found in (A) non-persistent CSMA (B) CSMA/CD (C) Bitmap (D) None of these	L4
6.	A problem with Bitmap protocols is an overhead of bit(s) per station. (A) 0 (B) 1 (C) 2 (D) 3	L2
7.	In adaptive tree walk protocol we use and searching. (A) Graph and Breadth First (B) Tree and Breadth First (C) Graph and Depth First (D) Tree and Depth First	L4
8.	A hub is used in Ethernet. (A) 10Base 5 (B) 10Base 2 (C) 10Base – T (D) 10Base - F	L1
9.	The The software that enables the user to interact with the contents present on a web page? (A) www (B) HTTP (C) Browser (D) URL	L1
10.	HTTP is the acronym of (A) Hyper Text Transfer Protocol (B) Hyper Test Transfer Protocol (C) Hyper Text Transport Protocol (D) Hyper Text Transport Program	L3

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11.	Protocol used for electronic mail? (A) TELNET (B) NNTP (C) HTTP (D) SMTP	L5
12. PPP field tell what kind of packet is in the payload field. (A) Protocol (B) Check sum (C) Control (D) None	L6
13.	Which ISDN plane is associated with signaling another D channel? (A) user (B) control (C) management (D) supervise	L2
14.	When you store and forward messages in B-ISDN, you are using services. (A) Conversational (B) messaging (C) retrieval (D) distributive	L5
15.	To access e-mails from any machine and anywhere, we use (A) PGP (B) PEM (C) IMAP (D) None of these	L6
16.	Minimum number of DNS name servers, each domain should posses? (A) 1 (B) 2 (C) 3 (D) 4	L2
17.	To map a name onto an IP address, an application program calls a library procedure called the (A) Scheduler (B) Resolver (C) Mapper (D) Encoder	L5
18.is paperless document transfer between companies (A) EFT (B) EDI (C) ETS (D) RTGS	L5
19.	DNS represents structure. (A) bus (B) loop (C) tree (D) ring	L6
20.	The generic domain for non profit organizations? (A) Com (B) Edu (C) Org (D) Net	L4
21.	When the resolver gives a domain name to DNS, what it gets back are the associated with that name. (A) Resource records (B) IP records (C) Ethernet address (D) Port number	L2

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22.	Which AAL type can best process a data stream having a non constant bit rate? (A) AAL1 (B) AAL2 (C) AAL3/4 (D) AAL5	L4
23.	In e-mail system, allow people to read and send e-mails. (A) message transfer agent (B) user agent (C) browser agent (D) server agent	L1
24.	In e-mail system, move the message from the source to the destination. (A) user agent (B) browser agent (C) message transfer agent (D) server agent	L1
25.	The model that shows how the network function of a computer ought to be organised? (A) ITU-T (B) OSI (C) ISO (D) ANSI	L3
26.	What is the max cable length of STP? (A) 100 ft (B) 200 ft (C) 100 m (D) 200 m	L5
27.	What is the max data capacity of STP? (A) 10 mbps (B) 100 mbps (C) 1000 mbps (D) 10000 mbps	L6
28.	Which connector STP uses? (A) BNC (B) RJ-11 (C) RJ-45 (D) RJ-69	L2
29.	In cryptography the following uses transposition ciphers and the keyword is LAYER. Encrypt the following message (spaces are omitted during encryption) WELCOME TO NETWORK SECURITY! (A) WMEKREETSILTWETCOOCYONRU! (B) EETSICCOOCYWMEKRONRU!LTWET (C) LTWETONRU!WMEKRCOOCYEETSI (D) ONRU!COOCYLTWETEETSIIWMEKR	L6
30.	Type of ATM service used for regroup timing requirements? (A) variable bit rate (B) constant bit rate (C) available bit rate (D) unspecified bit rate	L2
31.	Which of the following assertions is FALSE about the Internet Protocol (IP)? (A) It is possible for a computer to have multiple IP addresses (B) IP packets from the same source to the same destination can take different routes in the network (C) IP ensures that a packet is discarded if it is unable to reach its destination within a given number of hops (D) The packet source cannot set the route of an outgoing packets; the route is determined only by the routing tables in the routers on the way	L1

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32.	Which of the following statement is incorrect? (A) Multiplexers are designed to accept data from several I/O devices and transmit a unified stream of data on one communication line (B) HDLC is a standard synchronous communication protocol. (C) RTS/CTS is the way the DTE indicates that it is ready to transmit data and the way the DCW indicates that it is ready to accept data (D) RTS/CTS is the way the terminal indicates ringing	L3
33.	A band is always equivalent to (A) a byte (B) a bit (C) 100 bits (D) none of these	L5
34.	The loss in signal power as light travels down the fiber is called (A) attenuation (B) propagation (C) scattering (D) interruption	L5
35.	In 802.3, the address consisting of all 1 bits is reserved for (A) Unicast (B) Multicast (C) Broadcast (D) Ordinary	L6
36.	An example of a medium speed, switched communications service is (A) series 1000 (B) data phone 50 (C) DDD (D) All of the above	L2
37.	The X.25 standard specifies a (A) technique for start-stop data (B) technique for dial access (C) DTE/DCE interface (D) None of above	L5
38.	What is the number of separate protocol layers at the serial interface gateway specified by the X.25 standard? (A) 4 (B) 2 (C) 6 (D) 3	L2
39.	The interactive transmission of data within a time sharing system may be best suited to (A) simplex lines (B) half-duplex lines (C) full duplex lines (D) None of these	L5
40.	Which of the following does not allow multiple uses or devices to share one communication line? (A) doubleplexer (B) multiplexer (C) concentrator (D) controller	L5