

CS-610 Final Term Exams Preparation Virtual University

| Sr | Questions | Answers Choice |
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| 1 | _____ field of header indicates whether a datagram is a fragment or a complete datagram. | A. FLAGS B. FLAGMENT OFFSET C. IDENTIFICATION D. None of the given |
| 2 | Which of the following are interior routing protocols? | A. RIP B. OSPF C. BGP D. RIP and OSPF |
| 3 | The third field of the header consists of ----- bit Ethernet frame type. | A. 48 B. 32 C. 16 D. 4 |
| 4 | _____ protocols of TCP/IP layering model specify how to ensure reliable transfer. | A. Physical Layer B. Network Interface Layer C. Internet Layer D. Transport Layer |
| 5 | Computer networks are often called ----- because they use packet technology. | A. Ethernet B. Switch networks C. Packet networks D. None of the above |
| 6 | The term ----- is used to denote the definition of a packet used with a specific type of network. | A. Packet B. Frame C. Data D. none of the given |
| 7 | _____ is ideal in a situation where the group is small and all members are attached to contiguous Local Area Networks. | A. Flood-and –Prune B. Configuration-and -Tunneling C. Core-Based Discovery D. None of the given |
| 8 | In IPv6 the type of address used for collection of computers with same prefix. Are known as_____. | A. Anycast B. Unicast C. Multicast D. Non of the given |
| 9 | A system with redundant bridges might have a problem with_____ in the system. | A. Loop B. Filters C. Spanning Trees D. All given choices |
| 10 | Hardware that calculates a CRC uses two simple components | A. AND unit and XOR unit B. Shift register and XOR unit C. Shift register and AND unit D. None of the above |
| 11 | To save traffic, an EGP does not summerize routing information from the autonomous system before passing it to another autonomous system. | A. True B. False C. Not Sure |
| 12 | To save traffic, an EGP does not summarize routing information from the autonomous system before passing it to another autonomous system. | A. True B. False C. Not Sure |
| 13 | A Bridge forwards or filters a frame by comparing the information in its address table to the frame's_____ | A. Layer 2 source address B. Source node's physical address C. Layer 2 Destination Address D. Layer 3 destination address |
| 14 | ARP is almost always used to bind a ___-bit IP address to a ___-bit Ethernet address | A. 32, 48 B. 24, 32 C. 32, 64 D. 32, 128 |
| 15 | Protocol addresses are abstractions provided by _____. | A. hardware B. software C. operating system D. internet |
| 16 | A computer attached to a given network can only communicate with other computers | A. True B. False |

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| 16 | attached to the same network. Is this a problem with multiple networks? | B. False C. Not Sure |
| 17 | In Direct point to point communication adding the Nth computer requires----- new connections | A. None of the given B. N^2 C. $N-1$ D. $(N^2 - N)/2$ |
| 18 | _____ is used for compressed audio and video where the data rate depends on the level of compression that can be achieved. | A. Constant Bit Rate (CBR) service B. Variable Bit Rate C. Available Bit Rate (ABR) service D. none of the given |
| 19 | Router detects datagram-----than network MTU | A. Larger B. Smaller C. Equal D. None of the given |
| 20 | ATM assigns each VC a _____ identifier that is divided two parts to produce a hierarchy | A. 21-bit B. 22-bit C. 23-bit D. 24-bit |