Program: BE Electronics and Telecommunication Engineering

Curriculum Scheme: Revised 2012

Examination: Final Year Semester VIII

Course Code:ETC803 and Course Name: Internet And Voice Communication

Time: 1 hour Max. Marks: 50

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

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| Q1. | Which of the following is not a timer type in TCP? |
| Option A: | Retransmission |
| Option B: | Persistence |
| Option C: | Un-mutable |
| Option D: | Keep Alive |
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| Q2. | Where is a hub specified in the OSI model? |
| Option A: | Session layer |
| Option B: | Physical layer |
| Option C: | Data link layer |
| Option D: | Application layer |
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| Q3. | The local host and the remote host are defined using IP addresses. To define the processes, we need second identifiers called \_\_\_\_\_\_\_\_\_\_\_\_. |
| Option A: | UDP addresses |
| Option B: | Transport addresses |
| Option C: | Port addresses |
| Option D: | TCP addresses |
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| Q4. | Which of the following is not a flow characteristic? |
| Option A: | Reliability |
| Option B: | Delay |
| Option C: | Jitter |
| Option D: | Beam-width |
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| Q5. | After obtaining the IP address, to prevent the IP conflict the client may use |
| Option A: | Internet relay chat |
| Option B: | Broader gateway protocol |
| Option C: | Address resolution protocol |
| Option D: | Encryption of the DHCP server requests |
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| Q6. | RTP is used to |
| Option A: | carry the media stream |
| Option B: | monitor transmission statistics of streams |
| Option C: | monitor quality of service of streams |
| Option D: | secure the stream |
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| Q7. | IP layer primarily concerned with |
| Option A: | Receiving Portion |
| Option B: | Transmission Portion |
| Option C: | Network Portion |
| Option D: | Host Portion |
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| Q8. | UDP and TCP are both \_\_\_\_\_\_\_ layer protocols. |
| Option A: | Data link |
| Option B: | Network |
| Option C: | Transport |
| Option D: | Physical |
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| Q9. | Beyond IP, UDP provides additional services such as \_\_\_\_\_\_\_ |
| Option A: | Routing and switching |
| Option B: | Sending and receiving of packets |
| Option C: | Multiplexing and demultiplexing |
| Option D: | Demultiplexing and error checking |
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| Q10. | Which of the following is not a message type in Real time transport control protocol(RTCP) |
| Option A: | Sender report |
| Option B: | Network report |
| Option C: | Receiver report |
| Option D: | Bye message |
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| Q11. | To receive the signal, a translator is needed to decode the signal and encode it at a |
| Option A: | High Quality |
| Option B: | Same Quality |
| Option C: | Lower Quality |
| Option D: | Bad Quality |
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| Q12. | If you use FTP, which is the highest layer you are using to transmit data |
| Option A: | Application layer |
| Option B: | Presentation layer |
| Option C: | Session layer |
| Option D: | Transport |
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| Q13. | Which layer is responsible for process to process delivery in a general network model? |
| Option A: | network layer |
| Option B: | transport layer |
| Option C: | session layer |
| Option D: | data link layer |
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| Q14. | In Three-Way Handshaking process, the situation where both the TCP’s issue an active open is |
| Option A: | Mutual open |
| Option B: | Mutual Close |
| Option C: | Simultaneous open |
| Option D: | Simultaneous close |
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| Q15. | Which of the following is a valid host for network 192.168.10.32/28? |
| Option A: | 192.168.10.39 |
| Option B: | 192.168.10.47 |
| Option C: | 192.168.10.14 |
| Option D: | 192.168.10.54 |
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| Q16. | RTCP uses an odd-numbered \_\_\_\_\_\_\_ port number that follows the port number selected for RTP. |
| Option A: | OSPF |
| Option B: | TCP |
| Option C: | UDP |
| Option D: | BGP |
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| Q17. | The third stage in an email transfer needs a \_\_\_\_\_\_\_\_ protocol. |
| Option A: | Pull |
| Option B: | Push |
| Option C: | Discard |
| Option D: | Leave |
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| Q18. | In classless addressing, the prefix length defines the \_\_\_\_\_\_\_\_\_\_\_\_\_. |
| Option A: | NET-ID |
| Option B: | HOST-ID |
| Option C: | SEQUENCE |
| Option D: | MASK |
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| Q19. | DHCP uses UDP port \_\_\_\_\_\_\_\_\_ for sending data to the server. |
| Option A: | 66 |
| Option B: | 67 |
| Option C: | 68 |
| Option D: | 69 |
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| Q20. | Which protocol provides the synchronization between media streams? |
| Option A: | RTP |
| Option B: | RTCP |
| Option C: | RPC |
| Option D: | RTCT |
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| Q21. | UDP uses \_\_\_\_\_\_\_ to handle incoming user datagram’s that go to different Processes on the same host. |
| Option A: | Flow control |
| Option B: | Multiplexing |
| Option C: | Demultiplexing |
| Option D: | Error control |
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| Q22. | The value of acknowledgement field in a segment defines \_\_\_\_\_\_\_ |
| Option A: | sequence number of the byte received previously |
| Option B: | total number of bytes to receive |
| Option C: | sequence number of the next byte to be received |
| Option D: | sequence of zeros and ones |
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| Q23. | The first line of HTTP request message is called \_\_\_\_\_\_\_\_\_\_\_\_\_ |
| Option A: | Request line |
| Option B: | Header line |
| Option C: | Status line |
| Option D: | Entity line |
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| Q24. | What is the measurement of packets discarded due to congestion of queues? |
| Option A: | Bandwidth |
| Option B: | Delay |
| Option C: | Jitter |
| Option D: | Loss |
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| Q25. | If the frames are displayed on the screen fast enough, we get an impression of |
| Option A: | Signals |
| Option B: | Motions |
| Option C: | Packets |
| Option D: | Bits |
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