Program: BE-Electronics Engineering

Curriculum Scheme: Revised 2016

Examination: Final Year Semester VII

Course Code: ELXDLO7032 and Course Name: Advance Networking Technologies

Time: 1hour 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 specifies a set of media access control (MAC) and physical layer specifications for implementing WLANs? |
| Option A: | IEEE 802.16 |
| Option B: | IEEE 802.3 |
| Option C: | IEEE 802.11 |
| Option D: | IEEE 802.15 |
|  |  |
| Q2. | Which of the following is not a standard of WLAN? |
| Option A: | HIPER-LAN |
| Option B: | HIPERLAN/2 |
| Option C: | IEEE 802.11b |
| Option D: | AMPS |
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| Q3. | Which of the following is not an open standard? |
| Option A: | Bluetooth |
| Option B: | WWW |
| Option C: | HTML |
| Option D: | VPN |
|  |  |
| Q4. | Which of the following scheme is used by Bluetooth? |
| Option A: | Frequency hopping TDD scheme |
| Option B: | Frequency hopping FDD scheme |
| Option C: | DSSS TDD scheme |
| Option D: | DSSS FDD scheme |
|  |  |
| Q5. | Which of the following standard committee specifies Bluetooth and other Personal Area Networks (PAN)? |
| Option A: | IEEE 802.11b |
| Option B: | IEEE 802.15 |
| Option C: | IEEE 802.11g |
| Option D: | IEEE 802.16 |
|  |  |
| Q6. | The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ increases the system reliability in the event of an individual amplifier failure. |
| Option A: | Simplex configuration |
| Option B: | Duplex configuration |
| Option C: | Serial configuration |
| Option D: | Parallel multi-amplifier configuration |
|  |  |
| Q7. | Which of the following is not an application of optical amplifier? |
| Option A: | Power amplifier |
| Option B: | In-line repeater amplifier |
| Option C: | Demodulator |
| Option D: | Preamplifier |
|  |  |
| Q8. | \_\_\_\_\_\_\_\_\_ reconstitutes a transmitted digital optical signal. |
| Option A: | Repeaters |
| Option B: | Optical amplifiers |
| Option C: | Modulators |
| Option D: | Circulators |
|  |  |
| Q9. | Each \_\_\_\_\_\_\_\_in a SONET frame can carry a digitized voice channel. |
| Option A: | frame |
| Option B: | bit |
| Option C: | byte |
| Option D: | nibble |
|  |  |
| Q10. | \_\_\_\_\_\_\_\_\_\_ is the ratio of input signal to noise ratio to the output signal to noise ratio of the device. |
| Option A: | Fiber dispersion |
| Option B: | Noise figure |
| Option C: | Transmission rate |
| Option D: | Population inversion |
|  |  |
| Q11. | \_\_\_\_\_\_\_\_\_\_\_ firewalls are a combination of other three types of firewalls. |
| Option A: | Packet Filtering |
| Option B: | Circuit Level Gateway |
| Option C: | Application-level Gateway |
| Option D: | Stateful Multilayer Inspection |
|  |  |
| Q12. | Application layer firewalls are also called \_\_\_\_\_\_\_\_\_\_\_\_ |
| Option A: | first generation firewalls |
| Option B: | second generation firewalls |
| Option C: | third generation firewalls |
| Option D: | fourth generation firewalls |
|  |  |
| Q13. | what is number one concern about cloud computing/ |
| Option A: | Too expensive |
| Option B: | Security concern |
| Option C: | too many platforms |
| Option D: | Accessibilty |
|  |  |
| Q14. | cloud in cloud computing represents.. |
| Option A: | Wireless |
| Option B: | Hard drives |
| Option C: | People |
| Option D: | Internet |
|  |  |
| Q15. | What types of protocols are used in VPNs? |
| Option A: | Application level protocols |
| Option B: | Tunnelling protocols |
| Option C: | Network protocols |
| Option D: | Mailing protocols |
|  |  |
| Q16. | An/A ……….routing scheme is designed to enable switches to react to changing traffic patterns on the network. |
| Option A: | static routing |
| Option B: | fixed alternative routing |
| Option C: | standard routing |
| Option D: | dynamic routing |
|  |  |
| Q17. | The Routing Information Protocol(RIP) is an intra domain routing based on ……..routing. |
| Option A: | distance vector |
| Option B: | link state |
| Option C: | path vector |
| Option D: | distance code |
|  |  |
| Q18. | The term …….. refers to which node or nodes in the network are responsible for the routing decision. |
| Option A: | decision place |
| Option B: | routing place |
| Option C: | node place |
| Option D: | switching place |
|  |  |
| Q19. | In ……. routing the least cost route between any two nodes is the minimum distance. |
| Option A: | path vector |
| Option B: | distance vector |
| Option C: | link state |
| Option D: | switching |
|  |  |
| Q20. | For centralized routing the decision is made by some designated node called …… |
| Option A: | designated center |
| Option B: | control center |
| Option C: | network center |
| Option D: | network control center |
|  |  |
| Q21. | In ………… routing, the destination address is a network address in the routing tables. |
| Option A: | next-hop |
| Option B: | host-specific |
| Option C: | network-specific |
| Option D: | default |
|  |  |
| Q22. | Logical partitioning of the network, authentication and faster convergence rate are the advantages of …. |
| Option A: | OSPF |
| Option B: | EIGRP |
| Option C: | BGP |
| Option D: | RIP |
|  |  |
| Q23. | The ………. flag indicates the availability of a router. |
| Option A: | up |
| Option B: | host-specific |
| Option C: | gateway |
| Option D: | added by redirection |
|  |  |
| Q24. | ……….. is the process of introducing external routers into an OSPF network. |
| Option A: | Route redistribution |
| Option B: | Route summarization |
| Option C: | Route reintroducing |
| Option D: | Route recreation |
|  |  |
| Q25. | For a direct deliver, the …….. flag is on. |
| Option A: | up |
| Option B: | host specific |
| Option C: | gateway |
| Option D: | added by redirection |