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  |
|  |  |
| 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 |