CMP 206 and CYB 204 Second Test 06/08/2022

Total points 0/40 ?

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✕ **One of these is not a classifying factor of networks.** * ···/2

- ◉ A. Room ✕
- ○ B. Point-to-point
- ○ C. Autonomy
- ○ D. Packet-services

No correct answers

✕ **CSMA/CD helps to avoid collision in the network.** * ···/2

- ◉ True ✕
- ○ False

No correct answers

✕ **Which of these is not in the true meaning of 10BASE-T?** * ···/2

- ○ a. 10Mbps
- ○ b. Baseband
- ◉ c. Transmission ✕
- ○ d. All of the above

No correct answers

✕ **Which of the following statements is not TRUE?** * ···/2

- ○ a. The technology was introduced in 1995
- ○ b. Giga-Ethernet provides speed up to 1000 Mbps
- ○ c. Ethernet uses the 10BASE-T specification
- ◉ d. The internet is based on the point-to-point architecture ✕

No correct answers

✕ In point-to-point networks, a host is directly connected to multiple others. *···/2

○ True

◉ False ✕

No correct answers

✕ In the bus topology, failure of the shared medium does not affect the connected devices (**choose all that apply**). *···/2

☐ a. I sense lies everywhere

☐ b. True

☐ c. Not sure

☑ d. False ✕

No correct answers

✕ Mesh topology and hybrid topology are slightly similar in the logical structure. *···/2

◉ a. True ✕

○ b. False

No correct answers

✕ OSI stands for? * ···/2

○ a. Open System Internet

○ b. Open System Intelligence

◉ c. Open System Interconect ✕

○ d. Open System Interconnectivity

No correct answers

✕ Application protocols include some of the followings, except? (**choose all that apply**) *···/2

☐ a. HTTP

☐ b. FTP

☑ c. IP ✕

☑ d. TCP ✕

No correct answers

✕ Layers share data between them and they depend on each other only to take input and send output. *···/2

◉ a. True ✕

○ b. False

No correct answers

✕ Layer 3 protocols include the followings, except? (**choose all that apply**)   *⋯/2

☐ a. IP

☑ b. ARP   ✕

☐ c. ICMP

☑ d. UDP   ✕

No correct answers

✕ Which of the following is not true about the DF field of the packet header?   *0/2

○ a. 1-bit field related to fragmentation

○ b. An order to the routers to not fragment the packet

◉ c. Indicates when all fragments of a datagram have arrived   ✕

○ d. Used as part of the process to discover the paths for an MTU

Correct answer

◉ d. Used as part of the process to discover the paths for an MTU

Feedback

a. 1-bit field related to fragmentation
b. An order to the routers to not fragment the packet
d. Used as part of the process to discover the paths for an MTU

✕ Addressing is a key function of datalink layer protocols. *   ⋯/2

◉ a. True   ✕

○ b. False

No correct answers

✕ To ensure that networks can operate effectively and efficiently, the followings are key. Except?   *⋯/2

○ a. Designing

◉ b. Configuring   ✕

○ c. Implementation

○ d. Managing

No correct answers

✕ Which portion of the significant bits indicate a network address? *   ⋯/2

○ a. Lower-order bits

◉ b. Higher-order bits   ✕

○ c. Not sure

○ d. None of the above

No correct answers

✕ **Which of these is not a part of the frame?** * ⋯/2

○ a. Header

◉ b. Radio ✕

○ c. Data

○ d. Trailer

No correct answers

✕ **Data-link layer provides layer-2 hardware addressing mechanism through:** *⋯/2

○ a. IMEI

○ b. ARP

◉ c. MAC ✕

○ d. IP

No correct answers

✕ **Choose the correct representations of MAC address.** * ⋯/2

☑ a. D4-BE-DP-8D-46-9A ✕

☐ b. D4.BE.DP.8D.46.9A

☐ c. D4;BE;DP;8D;46;9A

☐ d. D4:BE:DP:8D:46:9A

No correct answers

✕ **The types of error that can occur include:** * ⋯/2

☑ a. Single-bit ✕

☑ b. Multiple-bit ✕

☐ c. Multiple-ARQ

☑ d. Burst ✕

No correct answers

✕ **ARP enables discovery of MAC forwarding addresses to facilitate IP reachability.** *⋯/2

◉ a. True ✕

○ b. False

No correct answers

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