

CMP 206 and CYB 204 Test

Total points 0/40 ?

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Matric Number *

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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 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 statement is 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 Interconnect

✗

☐ 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

✗ 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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