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QUESTION 1

What are the differences between Local-based and Server-based management? (Select two.)

- A. server-based management cannot talk to the device's control plane, local-based can
- B. in local-based, the managed device is a client, while in server-based it is a server
- C. local-based management can use the device's console port, server-based cannot
- D. local-based management requires an on-premises network management appliance
- E. server-based management can monitor multiple devices at once, local-based cannot

Correct Answer: BC

QUESTION 2

Which accurately describes the TCP/IP Model? (Select two.)

- A. It is a set of communication protocols used on TCP-based networks only.
- B. It specifies how to compress, fragment, encrypt, and analyze data.
- C. It specifies how to assemble, address, transmit, route, and disassemble a data packet.
- D. It is a set of communication protocols used on IP-based networks only.
- E. It is a set of communication protocols used on Ethernet-based networks only.

Correct Answer: CD

QUESTION 3

What is the binary equivalent of the decimal number of 233?

- A. 11010101
- B. 11101001
- C. 11100101
- D. 11110001

Correct Answer: B

QUESTION 4

Which device provides high ethernet port density for connecting wired clients such as computers, IP phones, and



printers? (Select two.)

- A. Wireless Router
- B. Router
- C. Access Point
- D. Multilayer Switches
- E. Switches

Correct Answer: CD

QUESTION 5

Which accurately describes the OSI Model?

- A. It is a reference model that describes data flow over the network using four layers.
- B. It is a reference model that is used to convert binary bits into analog signals.
- C. It is a reference model that explains how data is created by the application layer.
- D. It is a reference model that describes how data communications occur on a network.

Correct Answer: D

QUESTION 6

Which condition allows 5GHz channels to avoid Adjacent Channel Interference?

- A. transmit at 40 MHz bandwidth
- B. transmit at high power levels
- C. transmit at low power levels
- D. transmit at 20 MHz bandwidth

Correct Answer: A

QUESTION 7

What is a true statement about wireless communications using Wi-Fi?

- A. Amplitude, phase, and frequency of radio waves are modulated to transmit data
- B. Wireless communications have a maximum range of 10 meters (30 feet)
- C. Amplitude, phase, and frequency of radio waves are modulated to increase range



D. Wireless communications have a minimum range of 10 meters (30 feet)

Correct Answer: C

QUESTION 8

Which unit of measurement is recommended for expressing radio frequency power due to its logarithmic nature?

- A. lumens
- B. decibel relative to isotrope (dBi)
- C. milliwatt (mW)
- D. decibel relative to milliwatt (dBm)

Correct Answer: D

Decibel (dB) Decibel is a logarithmic unit of measure used to express the ratio of two values of the same measure. This unit is not included to the System International of units (SI), but it is widely used in communication systems and many other technical fields, as it allows to compare two values of any nature, provided that these values are expressed in the same unit. Decibel is a decile of the main, larger unit -- Bel. Bel is a common logarithm of the ratio of two energies. But in practice Bel was a far too big value, therefore its tenth part is used ?decibel. The logarithmic method of presentation of numbers often can be very useful, as it allows to replace multiplication with addition, division with subtraction, raising to power with multiplication, and extracting a root with the division. What is measured in dB in the MRFC: Gain constant Sound level Signal/noise ratio Signal attenuation

https://en.cyclopedia.ifcg.ru/wiki/Radiofrequency_characteristics

QUESTION 9

On which connection type are collisions more likely to happen?

- A. Dark Fiber
- B. Fiber
- C. Copper
- D. Wi-Fi

Correct Answer: D

QUESTION 10

Which OSI model layer is in charge of creating data?

- A. Physical
- B. Transport



C. Layer 4

D. Layer 7

Correct Answer: B

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