

DUMPS ARENA

BICSI Registered Communications Distribution Designer - RCDD

BICSI RCDD-001

Version Demo

Total Demo Questions: 15

Total Premium Questions: 358

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QUESTION NO: 1

Which type of protection for electrical power stations provide isolation against a rise in potential of station ground and also provide drainage protection against longitudinally-induced voltages?

- A. Isolating transformers
- B. Neutralizing transformers
- C. Mutual drainage reactors
- D. Unit-type neutralizing transformers
- E. 2-winding neutralizing transformers

ANSWER: A**QUESTION NO: 2**

You are designing multi band UHF police radio and VHF fire radio systems for a municipal office. Because of the closeness of the transmit and receive frequencies, you must ensure there is adequate filtering and gain control of the systems. Which device will best meet the ability to separate and control the transmit and receive signals?

- A. Bidirectional amplifier
- B. Transceiver
- C. Repeater
- D. Unidirectional amplifier

ANSWER: C**QUESTION NO: 3**

BICSI recommends that any trench _____ or more deep must be shored to prevent cave in.

- A. 1.2 m (4 ft)
- B. 1.5 m (5 ft)
- C. 1.7 m (5.5 ft)
- D. 1.83 m (6 ft)

E. 2.1 m (7 ft)

ANSWER: B

QUESTION NO: 4

A video camera has a coaxial cable output. The video signal is to be distributed to devices that have balanced twisted pair inputs. The transition between these two different transmission media can be accomplished by using a:

- A. Balun
- B. Converter
- C. Modulator
- D. Cross connect
- E. Transceiver

ANSWER: A

QUESTION NO: 5

You are designing a 4.9 GHz microwave system that is using rectangular waveguide from the transceiver to the inside wall of the shelter and an antenna using elliptical waveguide from the antenna to the outside wall of the shelter. The antenna has been designed to be placed 200 ft up on a 250 ft tower. What device will you specify that will best interconnect the two different waveguides?

- A. Elliptical wave guide pass through
- B. Elliptical wave guide clamp
- C. Elliptical waveguide connector
- D. Elliptical waveguide flange

ANSWER: C

QUESTION NO: 6

Which of the following is NOT provided by the ac grounding electrode system?

- A. Zero volt reference for AC power
- B. A path for dissipating electrical current

- C. A path for dissipating electrostatic discharge
- D. Adequate electrical protection for people and equipment

ANSWER: D

QUESTION NO: 7

On a project with three small conference rooms, a break room, and twelve private offices, what is the MINIMUM number of telecommunications outlet boxes required?

- A. 16
- B. 24
- C. 28
- D. 40
- E. 46

ANSWER: A

QUESTION NO: 8

You are designing a horizontal distribution system that will have a zone box located 71.6 m (235 ft) away from the telecommunications room (TR). A 50 mm (2 in) conduit is designed from the TR to a pull box located 36.6 m (120 ft) away from the TR. A 1 1/2 inch conduit is designed from the pull box to the zone box located 35.1 m (115 ft) beyond the pull box. Assuming no conduit bends, and excluding the TR and zone box, what is the total number of pull boxes/pull points required in this horizontal conduit system between the telecommunications room (TR) and zone box?

- A. 2
- B. 3
- C. 4
- D. 5

ANSWER: B

QUESTION NO: 9

What type of facility requires a building automation system (BAS) device to be located every 5 sq m (50 sq ft)?

- A. Hotel guest room

- B. Education classroom
- C. Hospital
- D. Mechanical room
- E. Factory

ANSWER: D

QUESTION NO: 10

As a guide, the recommended maximum AC current value on any bonding conductor should be less than _____ amperes.

- A. 0.50
- B. 1
- C. 5
- D. 10
- E. 20

ANSWER: B

QUESTION NO: 11

If you are using a building automation system (BAS) protocol operating on RF media at 19,200 b/s in the 868 MHz band, which protocol are you using?

- A. European installation bus
- B. Lon Talk
- C. MODBUS
- D. LonMark
- E. Modicon

ANSWER: A

QUESTION NO: 12

Which wireless device should be used to support 3 computers and a printer?

- A. Bridge
- B. Gateway
- C. Router
- D. Switch

ANSWER: C

QUESTION NO: 13

A building can have multiple equipment rooms (ERs) for all of the following reasons EXCEPT:

- A. To provide redundancy
- B. For separate tenants
- C. To house different types of equipment
- D. To serve multiple Access point (APs) and/or Service provider (SPs)
- E. To accommodate office and work space

ANSWER: E

QUESTION NO: 14

Wave division multiplexing (WDM) is most similar to:

- A. Amplitude modulation
- B. Frequency modulation
- C. Time division multiplexing
- D. Frequency division multiplexing
- E. Carrier sense multiple access with collision detection (CSMA/CD)

ANSWER: D

QUESTION NO: 15

In reviewing your client's network needs for today and 5 years into the future, you note their current specs call for a 1Gb/s network within a campus environment, with little or no possibility of any increased bandwidth demands until they move to their planned future site. The building is not large, and the cable lengths will not exceed 550 m (1804 ft). Your recommendation for the fiber to be installed in the backbone is:

- A. OM1 fiber
- B. OM2 fiber
- C. OM3 fiber
- D. OM1, OM2, or OM3 will work
- E. OS1 equipped with attenuators

ANSWER: B