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## BICSI Registered Communications Distribution Designer - RCDD

BICSI RCDD-002

Version Demo

Total Demo Questions: 15

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## QUESTION NO: 1

Which of the following covers lightning protection systems and defines as exposed anything above ground and outside the zone of protection?

- A. NTSB-12
- B. IEEE 1100
- C. NFPA 780
- D. NEC 47
- E. ANSI J/STD-607-A

**ANSWER: C**

## QUESTION NO: 2

The MINIMUM number of antennas needed to create a DAS is:

- A. One
- B. Three
- C. Five
- D. Seven

**ANSWER: A**

## QUESTION NO: 3

The RECOMMENDED balanced twisted-pair cable for building backbone cabling consists of \_\_\_\_\_ round solid copper conductors with a nominal characteristic of 100 ohm.

- A. 20-24 AWG
- B. 22-26 AWG
- C. 23-24 AWG
- D. 24-22 AWG
- E. 26-20 AWG

**ANSWER: D**

## QUESTION NO: 4

Which of the following is true when describing slip sleeves or gutters?

- A. More costly than pull boxes
- B. Can be used as a splice location
- C. Provides more space for pulling
- D. Cannot be used in place of a pull box
- E. Must be equal in size to the main conduit

**ANSWER: C**

## QUESTION NO: 5

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: 6

A rapid increase in voltage with a duration of half a cycle best describes a(n):

- A. Swell
- B. Overvoltage
- C. Transient
- D. Frequency variation

**ANSWER: C**

## QUESTION NO: 7

You are designing a restaurant located within a retail mall. The ambient noise level of the restaurant is 70 dB. The ambient noise level of the mall common space is 75 dB. What is the MINIMUM sound pressure level (SPL) that should be used when designing the paging system within the restaurant?

- A. 70 dB
- B. 75 dB
- C. 80 dB
- D. 85 dB

**ANSWER: C**

## QUESTION NO: 8

An installation crew is pulling an optical fiber cable into a riser. The cable has an outside diameter of 25 mm (1 in). As the cable is being pulled off the reel and through a pulley into the riser, you must verify that the minimum bend radius for the cable being pulled is observed. The pulley must be sized at a MINIMUM of:

- A. 254 mm (10 in)
- B. 381 mm (15 in)
- C. 508 mm (20 in)
- D. 635 mm (25 in)
- E. 762 mm (30 in)

**ANSWER: B**

## QUESTION NO: 9

In (ESS) design, employees, reputation, and materials are all examples of:

- A. Assets
- B. Risks
- C. Threats
- D. Countermeasures
- E. Systems

**ANSWER: A**

## QUESTION NO: 10

Within a heating ventilation and air conditioning automatic control system, what do the letters DDC stand for?

- A. Dual division charger
- B. Direct digital control
- C. Diverse duct center
- D. Direct drive cable
- E. Differential diffuser control

**ANSWER: B**

## QUESTION NO: 11

Aerial entrances to small buildings should be limited to \_\_\_\_\_ cable pair or less.

- A. 6
- B. 12
- C. 25
- D. 50
- E. 100

**ANSWER: E**

## QUESTION NO: 12

You are working with the Sheriff's Department to develop a public safety wireless network that will be secured from interference and have the capability of delivering up to 10 Mbps subscriber speed. What microwave frequency should be used to best meet these needs?

- A. 2.4 Ghz
- B. 4.9 Ghz
- C. 5.0 Ghz
- D. 5.3 Ghz

**ANSWER: B**

## QUESTION NO: 13

Which type of cable tray is best described as a ventilated bottom with side rails?

- A. Ventilated channel
- B. Ladder
- C. Spline
- D. Ventilated trough
- E. Basket tray

**ANSWER: D**

## QUESTION NO: 14

In the customer's environment, an ITS designer should avoid the need for optical fiber field splicing by:

- A. Installing oversized inner duct
- B. Using oversized cable trays
- C. Using pre-connectorized cables
- D. Installing a continuous length of cable
- E. Using multiple pull boxes

**ANSWER: D**

## QUESTION NO: 15

DC loads are generally expressed in:

- A. Amperes
- B. Volts
- C. Voltage amperes (VA)
- D. Watts

**ANSWER: A**