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BICSI Registered Communications Distribution Designer - RCDD

BICSI RCDD-002

Version Demo

Total Demo Questions: 15

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Topic Break Down

Topic	No. of Questions
Topic 1, Principles of Transmission	19
Topic 2, Electromagnetic Compatibility	12
Topic 3, ITS Cables and Connecting Hardware	16
Topic 4, Work Areas	13
Topic 5, Horizontal Distribution Systems	19
Topic 6, Backbone Distribution Systems	27
Topic 7, Telecommunications Spaces	23
Topic 8, Firestop Systems	15
Topic 9, Bonding and Grounding (Earthing)	14
Topic 10, Power Distribution	20
Topic 11, Telecommunications Administration	11
Topic 12, Field Testing of Structured Cabling	7
Topic 13, Business Development and Project Management	19
Topic 14, Private CATV Distribution Systems	13
Topic 15, Distributed Paging Systems	12
Topic 16, Building Automation Systems	8
Topic 17, Data Networks	21
Topic 18, Wireless Networks	23
Topic 19, Electronic Safety and Security	13
Topic 20, Outside Plant	28
Topic 21, Data Centers	13
Topic 22, Health Care	10
Topic 23, Special Design Considerations	16
Topic 24, Residential Cabling	7
Total	379

QUESTION NO: 1

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: 2**

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: 3**

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: 4

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: 5**

DC loads are generally expressed in:

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

ANSWER: A**QUESTION NO: 6**

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: 7**

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

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

ANSWER: A

QUESTION NO: 8

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: 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

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: 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

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: 13

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: 14

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: 15

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