

BICSI

Exam Questions INSTC_V7

BICSI Installer 2 - Copper Exam



NEW QUESTION 1

Which of the following terms describes the ration of the power of the outgoing signal to the power of the reflected signal expressed in decibels?

- A. Mutual capacitance
- B. Characteristic impedance
- C. Insertion loss
- D. Return loss

Answer: D

NEW QUESTION 2

What is the minimum recommended height that should be used when mounting a plywood back board in a telecommunication space?

- A. 100 mm (4")
- B. AFF 150 mm (6")
- C. AFF 200 mm (8")
- D. AFF 300 mm (12") AFF

Answer: C

NEW QUESTION 3

A category 8 cable is terminated into category 6A outlets with category 5e patch cords. What is the maximum supported performance level?

- A. Category 5e
- B. Category 6A
- C. Category 7
- D. Category 8

Answer: A

NEW QUESTION 4

Which of the following is permissible if the available firestop assembly is NOT capable of properly restoring the necessary fire rating?

- A. Substitute products from another assembly
- B. Add more of the product to increase the rating
- C. Obtain written assistance from the manufacturer
- D. Move the installation to another location

Answer: C

NEW QUESTION 5

Which of the following attachment methods does BICSI recommend for attaching coaxial connectors to coaxial cable?

- A. Screw-on
- B. Push-on
- C. Compression
- D. Crimp

Answer: C

NEW QUESTION 6

What is the primary purpose of firestopping?

- A. Increase a facilities ability to detect fires
- B. Reestablish the barrier's fire rating
- C. Restore the barrier's original load-bearing capacity
- D. Suppress fires before they can spread

Answer: B

NEW QUESTION 7

Electrical power (P) is measured in ____?

- A. Ohms
- B. Farads
- C. henries
- D. Watts

Answer: D

NEW QUESTION 8

Fall protection is required whenever a person is exposed to a fall hazard more than ____?

- A. 1.2 m (4')
- B. 1.83 m (6')
- C. 2.4 m (8')
- D. 3 m (10')

Answer: B

NEW QUESTION 9

During a retrofit, an installation crew discovers old insulation that they think may contain asbestos, they cannot complete their work without disturbing the insulation. What is the best course of action for the crew to take?

- A. Remove the asbestos-containing substance
- B. Monitor the air quality while they work
- C. Wear breathing protection during the task
- D. Stop work immediately

Answer: D

NEW QUESTION 10

If the situation requires, a conduit should be terminated _____ the plywood backboard?

- A. Through
- B. Above
- C. Below

Answer: A

NEW QUESTION 10

Which of the following must be measured before the length of a coaxial cable can be calculated?

- A. Propagation delay
- B. Insertion loss
- C. DC loop resistance
- D. Delay skew

Answer: C

NEW QUESTION 11

Which of the following is used to establish a 0 volt (V) reference for ac electrical power systems?

- A. Alternating current (AC) grounding electrode system
- B. Telecommunication bonding infrastructure
- C. Equipment grounding system

Answer: A

NEW QUESTION 13

Which type of optical fiber cable should be color coded with a RED outer cable sheath?

- A. Dispersion-shifted SM optical fiber
- B. MM optical fiber with 50 um core diameter (laser-optimized)
- C. Polarization maintain SM optical fiber
- D. MM optical fiber with 50 um core diameter

Answer: A

NEW QUESTION 18

Which of the following is used to perform continuity and length tests for coaxial cable?

- A. TDR (Time domain reflectometer) with an adapter
- B. OLTS (optical loss test set)
- C. VFL (visual fault locator)
- D. OTDR (optical time domain reflectometer)

Answer: A

NEW QUESTION 19

Which of the following is a benefit of air-blown optical fiber cable?

- A. It requires less testing than other types of cables
- B. It can be recovered and reused
- C. It is significantly cheaper than other types of cables

Answer: B

NEW QUESTION 20

What is the specified performance level for Category 6 cable?

- A. 100 MHz
- B. 250 MHz
- C. 500 MHz
- D. 600 MHz

Answer: B

NEW QUESTION 21

Which phase of testing includes documenting the test results?

- A. Phase 1
- B. Phase 2
- C. Phase 3

Answer: C

NEW QUESTION 25

Which of the following is a building-serving space that houses large pieces of common active equipment?

- A. TR
- B. ER
- C. TE
- D. Mechanical Room
- E. Battery room

Answer: B

NEW QUESTION 26

What is the required physical topology for a SCS?

- A. Star
- B. Bus
- C. Ring
- D. Tree

Answer: A

NEW QUESTION 29

What method of transmission is used to transmit signals during a telephone call?

- A. Simplex
- B. Half-duplex
- C. Full duplex

Answer: C

NEW QUESTION 34

Which of the following interconnects the PBB to the SBB?

- A. TBB
- B. BBC
- C. RBB
- D. TEBC

Answer: A

NEW QUESTION 35

Which of the following is the bonding connection point for telecommunications systems and equipment in the area by a telecommunication space?

- A. SBB
- B. RBB
- C. BBC
- D. TEBC

Answer: A

NEW QUESTION 38

Which of the following types of construction protects the optical fiber by supporting each strand of glass with a buffer coating extruded over the base optical fiber's 250 um acrylate coating?

- A. Single stranded
- B. Loose tube

- C. Tight buffered
- D. Ribbon

Answer: C

NEW QUESTION 41

Which type of tester includes a set of modular plugs?

- A. Inductive amplifier
- B. Tone generator
- C. Multimeter
- D. Cable-end locator kit

Answer: D

NEW QUESTION 44

Which is a keyed, contact, moderate loss connector in present use today that is pull & wiggle-proof?

- A. Opti-Jack
- B. SMA 906
- C. Subscriber Connector (SC)
- D. Straight Tip (ST)

Answer: D

NEW QUESTION 46

What is the minimum recommended amount of vertical clearance for open-top cable supports?

- A. 75 mm (3")
- B. 100 mm (4")
- C. 125 mm (5")
- D. 150 mm (6")

Answer: A

NEW QUESTION 47

The horizontal distance from the base of the ladder to the supporting wall should be _____ percent the working length of the ladder.

- A. 10
- B. 15
- C. 20
- D. 25

Answer: D

NEW QUESTION 51

Which of the following fire ratings refers to the time period that the unexposed surface of a firestop assembly does not exceed 180 degrees C (325 degrees F) above its initial temperature?

- A. E rating
- B. FT rating
- C. FH rating
- D. S rating

Answer: B

NEW QUESTION 56

Unqualified workers must stay AT LEAST _____ from exposed energized conductors operating at 300 to 50,000 V.

- A. 0.3 m (1')
- B. 3 m (10')
- C. 15 m (50')
- D. 30 m (100')

Answer: B

NEW QUESTION 57

What is the most appropriate administration class for an infrastructure with multiple telecommunications spaces within one building?

- A. Class 1
- B. Class 2
- C. Class 3
- D. Class 4

Answer: B

NEW QUESTION 60

Which of the following results from the different optical path lengths in a multimode fiber?

- A. Modal dispersion
- B. Chromatic dispersion
- C. Attenuation

Answer: A

NEW QUESTION 65

What type of coaxial cable is used for video backbone distribution?

- A. Series 6
- B. Series 11
- C. RG 59
- D. RG 58

Answer: B

NEW QUESTION 70

Which of the following make the biggest impression on a customer during face-to-face conversation?

- A. Choice of words
- B. Tone of voice
- C. Body language

Answer: C

NEW QUESTION 75

Which type of cabling is installed between a main cross-connect (campus distributor) and an intermediate cross-connect (building distributor)?

- A. First-level backbone
- B. Second-level backbone
- C. Horizontal

Answer: A

NEW QUESTION 79

Which of the following topologies is the recommended topology for distribution systems in campus environments?

- A. Hierarchical Star
- B. Star
- C. Tree
- D. Ring

Answer: A

NEW QUESTION 81

You are pre-terminating cable. Where should the labels be placed?

- A. Near end
- B. Far end
- C. Both ends

Answer: C

NEW QUESTION 83

How long does it take someone to form a first impression?

- A. 10 to 15 seconds
- B. 1 to 2 minutes
- C. 5 to 10 minutes
- D. 30 minutes to 1 hour

Answer: A

NEW QUESTION 85

A third 90-degree bend may be permitted in a conduit run if the run does NOT exceed _____?

- A. 5 m (16.5')
- B. 10 m (33')
- C. 15 m (50')
- D. 30 m (100')

Answer: B

NEW QUESTION 87

Which of the following is a floor serving space that serves as a point of termination for horizontal and backbone cables?

- A. EF
- B. ER
- C. TR
- D. TE

Answer: C

NEW QUESTION 92

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