

BICSI

Exam Questions INST1-V8

BICSI Installer 1 Exam



NEW QUESTION 1

Which of the following describes a nonmechanical firestop system that forms a hard char when exposed to flame?

- A. Elastomeric
- B. Intumescent
- C. Ablative
- D. Endothermic

Answer: C

NEW QUESTION 2

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 3

A radio station transmits an omnidirectional signal that is received by multiple radios. What type of transmission method is used in this example?

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

Answer: A

NEW QUESTION 4

Which of the following is the primary benefit of using wall-mounted racks and cabinets in place of traditional equipment racks?

- A. Provides equipment with a higher level of protection
- B. Allows for the equipment to be easily rearranged
- C. Optimizes airflow within the equipment room
- D. Takes up less space within the equipment room

Answer: D

NEW QUESTION 5

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 6

Which of the following terms is used to describe mechanical firestop systems?

- A. Endothermic
- B. Intumescent
- C. Ablative
- D. Elastomeric

Answer: D

NEW QUESTION 7

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 8

Which of the following should be used to prevent the cable from twisting during a horizontal backbone pull?

- A. Cable brake

- B. Innerduct
- C. Swivel
- D. Wire mess grip

Answer: C

NEW QUESTION 9

Which of the following types of cable produces very little smoke when burned?

- A. CM
- B. CMG
- C. CMUC
- D. LSZH

Answer: D

NEW QUESTION 10

Electrical power (P) is measured in _____?

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

Answer: D

NEW QUESTION 10

Which of the following makes the biggest impression on a customer when you are communicating via email?

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

Answer: A

NEW QUESTION 11

What is the required physical topology for a SCS?

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

Answer: A

NEW QUESTION 14

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 19

A third 90-degree bend may be permitted in a conduit run if one of the bends is located within _____ of the cable feed end?

- A. 300 mm (12")
- B. 375 mm (15")
- C. 450 mm (18")
- D. 483mm (19")

Answer: A

NEW QUESTION 24

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 28

Cavity boxes should be at least _____away from the wall, where possible.

- A. 100mm (4")
- B. 150mm (6")
- C. 300mm (12")
- D. 450mm (18")

Answer: A

NEW QUESTION 32

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 35

What grade of plywood is recommended for use with ICT systems?

- A. A/C
- B. A/D
- C. C/D
- D. B/C

Answer: A

NEW QUESTION 39

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 43

What is the primary purpose of the telecommunications bonding infrastructure?

- A. Equalize potentials between metallic surfaces and equipment within entrance facilities
- B. Improve the performance of the installed telecommunications equipment
- C. Provide backup power to the telecommunications equipment when primary power to the equipment fails.

Answer: A

NEW QUESTION 48

Which of the following items may be used as a substitute device for a pulling eye?

- A. Wire mesh grip
- B. Fan-out kit
- C. Innerduct
- D. D rings

Answer: A

NEW QUESTION 52

What is the minimum inside bend radius for balanced twisted pair (4 pair) cable?

- A. 25 mm (1")
- B. 50 mm (2")
- C. 4 times the outside cable diameter
- D. 15 times the outside cable diameter

Answer: C

NEW QUESTION 54

How far should the top of a ladder extend above the roofline?

- A. 0.3 m (1')
- B. 0.5 m (1.6')

- C. 0.6 m (2')
- D. 0.9 m (3')

Answer: D

NEW QUESTION 58

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 59

Which type of optical fiber cable should be color coded with an Orange outer cable sheath?

- A. MM with a 100 um core diameter
- B. Dispersion-shifted SM optical fiber
- C. Polarization maintain SM optical fiber
- D. SM optical fiber

Answer: A

NEW QUESTION 60

Which phase of testing includes documenting the test results?

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

Answer: C

NEW QUESTION 62

What is the characteristic impedance of Series-6 coaxial cable?

- A. 25 ohms
- B. 50 ohms
- C. 75 ohms
- D. 100 ohms

Answer: C

NEW QUESTION 66

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 67

What is the maximum allowable horizontal cable length?

- A. 10 m (33')
- B. 30 m (100')
- C. 50 m (164')
- D. 90 m (295')

Answer: D

NEW QUESTION 72

Which of the following combinations is used to identify the tip conductors in Pair 1 of a 4-pair cable?

- A. White-Blue
- B. White-Orange
- C. Green-White
- D. Brown-White

Answer: A

NEW QUESTION 73

Which of the following terms describes the unwanted signal coupling from a disturbing pair of a 4-pair cable channel to a disturbed pair of another 4-pair channel?

- A. NEXT - Near end crosstalk
- B. ACRF - attenuation to crosstalk ratio far end
- C. AXT - alien crosstalk

Answer: C

NEW QUESTION 76

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