



BICSI

Exam Questions IN101_V7

BICSI Installer 1 Exam

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NEW QUESTION 1

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 2

Which of the following PPE items MUST be worn at all times when you are working with or handling OF?

- A. Fall Protection
- B. Eye Protection
- C. Hearing Protection
- D. Breathing Protection

Answer: B

NEW QUESTION 3

Which of the following steps should be performed first when terminating a coaxial cable?

- A. Verify connector type
- B. Cut the cable
- C. Strip the cable
- D. Fold back the braiding

Answer: A

NEW QUESTION 4

Electrical power (P) is measured in _____?

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

Answer: D

NEW QUESTION 5

What is the maximum pull force for four-strand optical fiber?

- A. 222N (50 lbf)
- B. 330 N (75lbf)
- C. 880 N (200 lbf)

Answer: A

NEW QUESTION 6

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 7

Two truck drivers are communicating over a Citizens Band (CB) radio. Only one driver can send a message at a time with this system. What type of transmission method is used in this example?

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

Answer: B

NEW QUESTION 8

Which of the following fire ratings refers to the time period that a fire-rated assembly can resist flame passage?

- A. L rating
- B. F rating

- C. W rating
- D. T rating

Answer: B

NEW QUESTION 9

Light pulses in optical fiber cables are subjected to a loss in power as the light pulses travel along the optical fiber. Which of the following terms is used to describe this phenomenon?

- A. Attenuation
- B. Grounding
- C. Crosstalk
- D. Frequency

Answer: A

NEW QUESTION 10

Which of the following components is used to bond the electrical system's grounding electrode system to the PBB?

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

Answer: D

NEW QUESTION 10

Which of the following is a measure of the amount of information being transported over media?

- A. Megabits
- B. Volt-amperes
- C. Kilowatt hours
- D. Megahertz

Answer: A

NEW QUESTION 12

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 15

Which of the following may provide a demarcation point between the service provider and the customer premises cabling?

- A. Telecommunications room
- B. Work area
- C. Telecommunications enclosure
- D. Entrance facility

Answer: D

NEW QUESTION 19

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 23

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 28

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 30

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 31

Volts are measurement of _____?

- A. Light reflection
- B. Electrical pressure
- C. Electromagnetic radiation
- D. Sound waves

Answer: B

NEW QUESTION 33

Which topology uses a linear configuration that places all network devices on one length of cable?

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

Answer: C

NEW QUESTION 38

If you are working on a catwalk, you are required to wear _____?

- A. Full body harness and two lanyards
- B. Nothing, your fine on the catwalk
- C. Safety belt

Answer: A

NEW QUESTION 42

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

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

Answer: D

NEW QUESTION 43

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 46

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 47

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 49

What is the required physical topology for a SCS?

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

Answer: A

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 55

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 60

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 65

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 69

Which of the following is designed to provide protection from harmful chemicals?

- A. Cut-resistant gloves
- B. Rubber gloves
- C. Leather gloves

Answer: B

NEW QUESTION 72

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 76

Which of the following is a property of an electromagnetic field built around a conductor that opposes any changes in current flow in a circuit?

- A. Impedance
- B. Capacitance
- C. Inductance
- D. Resistance

Answer: C

NEW QUESTION 79

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 84

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 89

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 94

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 99

What is the primary purpose of an electrical grounding system?

- A. Ensure a minimal level of acceptable performance for a building's telecommunications infrastructure
- B. Enhance personnel safety and reduce the likelihood of a fire hazard
- C. Protect and provide organization for cables, splices and connectors
- D. Prevent unauthorized access to the buildings electrical protection system

Answer: B

NEW QUESTION 104

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 105

Which of the following is used to express system gain and loss?

- A. Ohms
- B. Henries
- C. Farads
- D. Decibel (dB)

Answer: D

NEW QUESTION 110

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 112

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 114

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 115

Which of the following steps should be performed first when an installer is pulling backbone cable from the bottom up?

- A. Label cables and reels
- B. Verify the proper cable run
- C. Determine appropriate rope size
- D. Move cable reels into place

Answer: B

NEW QUESTION 119

Which of the following fire-ratings provides information about smoke leakage?

- A. L rating
- B. I rating
- C. E rating
- D. W rating

Answer: A

NEW QUESTION 122

Which pair of a 100-ohm balanced twisted pair patch cable has a white-brown tip and a brown-white ring?

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

Answer: D

NEW QUESTION 124

What is the bend radius requirement for optical fiber cable when the cable is at rest?

- A. 10 times the cables outside diameter
- B. 15 times the cables outside diameter

C. 20 times the cables outside diameter

Answer: A

NEW QUESTION 125

What is the maximum number of work areas that a CP should serve?

- A. 2
- B. 3
- C. 6
- D. 12

Answer: D

NEW QUESTION 129

During the troubleshooting phase, what is the first step?

- A. Verify
- B. Isolate
- C. Repair
- D. Test

Answer: A

NEW QUESTION 134

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 138

What is the minimum number of consolidation points that should serve an open office furniture cluster?

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

Answer: A

NEW QUESTION 139

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