

Exam Questions INSTC_V7

BICSI Installer 2 - Copper Exam

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NEW QUESTION 1

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

- A. EF
- B. TR
- C. ER
- D. Work area

Answer: B

NEW QUESTION 2

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 3

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 4

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 5

Volts are measurement of _____?

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

Answer: B

NEW QUESTION 6

Which tool is required to pull backbone cable of significant weight?

- A. Pull string
- B. Furcating harness
- C. Pulling eye
- D. Tugger

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 is designed to provide protection from harmful chemicals?

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

C. Leather gloves

Answer: B

NEW QUESTION 9

Which of the following are typically used to support cables between a cable tray and work area outlets?

- A. J-Hook
- B. Innerduct
- C. Pipe hanger
- D. Trapeze

Answer: A

NEW QUESTION 10

A purple backboard should be used to identify _____?

- A. Common equipment
- B. Demarcation point
- C. Network connections
- D. Horizontal cable

Answer: A

NEW QUESTION 10

You are terminating a category 3 cable. What is the maximum permissible amount of untwisting?

- A. 25 mm (1")
- B. 38 mm (1.5")
- C. 75 mm (3")
- D. 100 mm (4")

Answer: C

NEW QUESTION 14

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 19

Which of the following tend to cause sheath damage during cable pulling?

- A. FMC/FMT
- B. RMC/IMC
- C. EMT/ENT

Answer: A

NEW QUESTION 22

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 25

Which of the following quantifies the bandwidth of a cabling system in a frequency range of interest?

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

Answer: C

NEW QUESTION 27

Which of the following is used to connect cabinets to the nearest SBB?

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

Answer: C

NEW QUESTION 28

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

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

Answer: A

NEW QUESTION 30

What is the recommended thickness for plywood that will be mounted on the walls of a telecommunications room?

- A. 12.7 mm (1/2")
- B. 19 mm (3/4")
- C. 25 mm (1")
- D. 32 mm (1-1/4")

Answer: B

NEW QUESTION 34

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 39

Which of the following is used to equalize potential differences between the SBB on the same floor?

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

Answer: B

NEW QUESTION 43

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 44

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 45

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 48

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 49

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 54

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 59

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 64

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 66

What is the specified performance level for Category 8 cable?

- A. 100 MHz
- B. 250 MHz
- C. 1000 MHz
- D. 2000 MHz

Answer: D

NEW QUESTION 68

What is the maximum permissible amount of untwisting for category 5e cable and higher?

- A. 12.7 mm (0.5")
- B. 25 mm (1")
- C. 38 mm (1.5")
- D. 75 mm (3")

Answer: A

NEW QUESTION 70

Which of the following is the first step of the emergency rescue process?

- A. Survey the scene
- B. Contact 911
- C. Notify someone
- D. Secure the area

Answer: A

NEW QUESTION 73

What type of connector is used with ribbon cable?

- A. F Connector
- B. N Connector
- C. Array
- D. MPO

Answer: C

NEW QUESTION 77

What is the size of a rack-mounted unit (RMU)?

- A. 25 mm (1")
- B. 38 mm (1.5")
- C. 45 mm (1.75")
- D. 50 mm (2")

Answer: C

NEW QUESTION 79

Which of the following markings indicates that the cable is designed for use in a plenum space?

- A. CMR
- B. CMUC
- C. CMP
- D. CMX

Answer: C

NEW QUESTION 82

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 83

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 86

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 90

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 92

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 95

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 99

A grey backboard should be used to identify _____ backbone cable?

- A. Second-level
- B. Intra-building
- C. First-level

Answer: A

NEW QUESTION 101

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 106

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 111

Which of the following steps should be performed first when an installer is pulling optical fiber cable?

- A. Install and secure innerduct
- B. Ensure the cable has been tested and accepted
- C. Label cables
- D. Attach pull rope

Answer: B

NEW QUESTION 112

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 114

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 119

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 121

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 125

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 130

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 135

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 139

Which of the Two organizations jointly oversee the worldwide standardization of telecommunications cabling?

- A. Alliance for Telecommunications Industry Solutions (ATIS) and Society for Cable Telecommunications Engineers (SCTE)
- B. National Electrical Contractors Association (NECA) and National Fire Protection Association (NFPA)
- C. Comite Europeen de Normalisation Electrotechnique (CENELEC) and Electronic Industries Association (EIA)
- D. International Organization for Standardization (ISO) and International Electrotechnical Commission (IEC)

Answer: D

NEW QUESTION 142

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 146

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 149

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 151

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