

# BICSI

## Exam Questions IN101\_V7

BICSI Installer 1 Exam



#### NEW QUESTION 1

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 2

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 3

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 4

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 5

Which of the following interconnects the PBB to the SBB?

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

**Answer:** A

#### NEW QUESTION 6

A grey backboard should be used to identify \_\_\_\_\_ backbone cable?

- A. Second-level
- B. Intrabuilding
- C. First-level

**Answer:** A

#### NEW QUESTION 7

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 8

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 9**

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 10**

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 10**

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

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

**Answer:** D

**NEW QUESTION 14**

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 15**

Which of the following connector styles is presently used within optical fiber cabling systems (i.e., it is NOT a legacy connector)?

- A. Biconic
- B. Small form factor (SFF)
- C. Mechanical transfer RJ
- D. SMA 906

**Answer:** B

**NEW QUESTION 16**

A purple backboard should be used to identify \_\_\_\_\_?

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

**Answer:** A

**NEW QUESTION 20**

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 22

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 26

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 27

What is the required physical topology for a SCS?

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

**Answer:** A

#### NEW QUESTION 31

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 33

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 37

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 38

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 41

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 44**

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 45**

Which of the following markings is used for non-conductive optical fiber general-purpose cables?

- A. OFNG
- B. OFCR
- C. OFCP
- D. OFNP

**Answer:** A

**NEW QUESTION 49**

Which of the refers to a rule or set of rules intended to endure safety during the installation and use of materials, components, fixtures, systems, premises and related subjects?

- A. Standard
- B. Directive
- C. Code
- D. Regulation

**Answer:** C

**NEW QUESTION 52**

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

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

**Answer:** A

**NEW QUESTION 53**

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 54**

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 56**

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 59**

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

- A. 25 mm (1")
- B. 50 mm (2")
- C. 6 times the outside cable diameter
- D. 10 times the outside cable diameter

**Answer:** D

**NEW QUESTION 62**

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 65**

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 67**

How much cable slack should be left in the work area after termination?

- A. 0.5m (1.6')
- B. 1m (3.3')
- C. 1.2 m (4')
- D. 3m (10')

**Answer:** B

**NEW QUESTION 71**

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

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

**Answer:** C

**NEW QUESTION 74**

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 79**

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 80**

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 85**

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 89**

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 92**

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 95**

During the troubleshooting phase, what is the first step?

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

**Answer:** A

**NEW QUESTION 100**

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