

BICSI.OSP-002.v2023-06-17.q74

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NEW QUESTION: 1

Joining of two cables in a premises cable plant run is almost always done by _ _ _ _ _ _.

- A. Fusion splicing
- B. Splicing on pigtailed connectors
- C. Mechanical splicing
- D. Field installation of connectors

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 2

UTP cable installed above the ceiling can _ _ _ _ _ _ _ _ _ the ceiling tiles.

- A. not be laid on
- B. be laid directly on top of
- C. be hung from frames of
- D. must be sleeved to be laid on top of

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 3

Copper networks can be converted to fiber optics using _ _ _ _ _ _ _ _ _.

- A. Rewiring
- B. Patch panels
- C. Media converters
- D. Fiber hubs

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 4

Multiple Response: Identify one or more choices that best complete the statement or answer the question.

Which types of dispersion needs to be tested in long singlemode fiber links?

- A. Polarization mode
- B. Differential Modal
- C. Chromatic
- D. Modal

Answer: C (LEAVE A REPLY)

NEW QUESTION: 5

How much untwist is allowed on Cat 5/5e/6 pairs at a punchdown block to maintain specified performance?

- A. 1 inch (25 mm)
- B. 1/2 inch (13 mm)
- C. 2 inches (50 mm)
- D. 1/4 inch (6 mm)

Answer: B (LEAVE A REPLY)

NEW QUESTION: 6

Until Gigabit Ethernet, LANs only used _ _ _ _ _ _ pairs of the UTP cable.

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

Answer: D (LEAVE A REPLY)

NEW QUESTION: 7

Which reference method is required for TIA 568?

- A. Any method as long as it is documented
- B. Three cable reference
- C. Two cable reference
- D. One cable reference

Answer: A (LEAVE A REPLY)

NEW QUESTION: 8

What actually makes the electrical connection with the wires in a 110 block?

- A. A second cable
- B. Punchdown tool with 110 blade
- C. The base of the block
- D. Insulation displacement connectors in the connecting block

Answer: D (LEAVE A REPLY)

NEW QUESTION: 9

Potential sources of interference for wireless LANs include _ _ _ _ _ _ _ _.

- A. Other wireless networks
- B. Remote controls like door openers
- C. All of the above
- D. Moving objects

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 15

How many methods are included in standards for setting the "0 dB" reference for loss testing?

- A. Two
- B. One
- C. Three
- D. Four

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 16

Why is the structured cabling standard not like "code"?

- A. It doesn't deal with flammability
- B. It's voluntary, not required by law
- C. It is not written by the NFPA
- D. It changes every year

Answer: B ([LEAVE A REPLY](#))

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NEW QUESTION: 17

What do Category 3, Category 5e and Category 6 designations mean?

- A. How far the cable will work in networks
- B. Flame retardance of the cable
- C. How well the cables are made
- D. The performance level of UTP cable

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 18

If you use a Cat 3 UTP jack on newer Cat 5e cable plant, the link performance will meet _ _ _ _ _ specs.

- A. Cat 3
- B. Cat 5
- C. Cat 5E
- D. Cat 6

Answer: (SHOW ANSWER)

NEW QUESTION: 19

What other cables are recognized in the structured cabling standards?

- A. CATV RG-6 coax
- B. IBM Type II
- C. Singlemode and multimode fiber optic cable
- D. Multimode fiber optic cable

Answer: C (LEAVE A REPLY)

NEW QUESTION: 20

Which network connection type has the highest bandwidth?

- A. Power line
- B. Wireless
- C. Optical fiber
- D. UTP

Answer: C (LEAVE A REPLY)

NEW QUESTION: 21

What is a passive optical network (PON)?

- A. A point-to-multipoint network architecture in which unpowered optical splitters are used to enable a single optical fiber strand to serve multiple end-points.
- B. A point-to-point network architecture in which powered optical splitters are used to enable a single optical fiber strand to serve multiple end-points.
- C. A point-to-multipoint network architecture in which powered optical splitters are used to enable a single optical fiber strand to serve multiple end-points.
- D. A point-to-point network architecture in which unpowered optical splitters are used to enable a single optical fiber strand to serve multiple end-points.

Answer: A (LEAVE A REPLY)

NEW QUESTION: 22

Ethernet was first developed as a _ _ _ _ _ architecture using _ _ _ _ _ cable with _ _ _ _ _ _ _ _.

- A. Ring, coax, RJ-45 connectors

- A. Cable design
- B. Fiber loss
- C. Field polishing technique
- D. Cleave on the fiber being terminated

Answer: D (LEAVE A REPLY)

NEW QUESTION: 28

Multiple Response: Identify one or more choices that best complete the statement or answer the question.

The bandwidth and distance capability of optical fiber means that _____. (choose all that apply)

- A. Less power is consumed by the network
- B. Fewer cables are needed
- C. Fewer repeaters are needed
- D. Less maintenance is required

Answer: A,B,C,D (LEAVE A REPLY)

NEW QUESTION: 29

Which fiber typically has the largest core?

- A. Multimode Step Index
- B. Multimode Graded Index
- C. POF
- D. Singlemode

Answer: C (LEAVE A REPLY)

NEW QUESTION: 30

Before beginning a wireless installation, it is most important that you _____.

- A. Do a thorough site survey
- B. Carefully estimate costs
- C. Make sure the vendors, products work together
- D. Decide which vendors to use

Answer: A (LEAVE A REPLY)

NEW QUESTION: 31

Singlemode fiber has a _____ light-carrying core than multimode fiber.

- A. Larger
- B. Same size
- C. Smaller

Answer: C (LEAVE A REPLY)

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NEW QUESTION: 32

Prior to cable plant acceptance or system turn-up, standards require that a(n) _____ is used to test the cable plant to ensure it is within the loss budget.

- A. All of the above
- B. Power meter
- C. OTDR
- D. LSPM or OLTS (Light source and power meter, optical loss test set)

Answer: D (LEAVE A REPLY)

NEW QUESTION: 33

What copper cable types are included in the TIA-568 structured cabling standards?

- A. UTP (unshielded twisted pair), ScTP (screened twisted pair) and STP (shielded twisted pair)
- B. UTP (unshielded twisted pair), STP (shielded twisted pair) and coax
- C. UTP (unshielded twisted pair) and coax
- D. Any communications cable

Answer: A (LEAVE A REPLY)

NEW QUESTION: 34

Information on the safety of chemicals used in fiber optics are _____.

- A. Required to be in every installer's tool kit
- B. Available from National Institutes of Health
- C. Rarely useful
- D. In MSDS sheets supplied by manufacturers

Answer: D (LEAVE A REPLY)

NEW QUESTION: 35

What is the installed cable plant from work area outlet jack to the patch panel in the telecom closet called?

- A. Patchcord
- B. Channel
- C. Permanent link
- D. Link cable

Answer: D (LEAVE A REPLY)

NEW QUESTION: 50

Cable plant loss should be estimated during the ______ phase.

- A. Installation
- B. Troubleshooting
- C. Design
- D. Testing

Answer: C (LEAVE A REPLY)

NEW QUESTION: 51

For a cable tray installed within an ER, the RECOMMENDED access headroom is:

- A. 305 mm (12 in).
- B. 254 mm (10 in).
- C. 152 mm (6 in).
- D. 203 mm (8 in).

Answer: A (LEAVE A REPLY)

NEW QUESTION: 52

Multimode graded-index glass fiber optic cables are tested with ____ sources at ______ and ______ wavelengths.

- A. LED, 850, 1300 nm
- B. Laser, 980, 1400 nm
- C. LED, 650, 850 nm
- D. Laser, 1310, 1550 nm

Answer: A (LEAVE A REPLY)

NEW QUESTION: 53

A category-rated UTP cable (Cat 3/5e/6/6A) used for horizontal cabling has ______ color coded pairs of wires.

- A. Any even number
- B. 25
- C. 4
- D. 2

Answer: C (LEAVE A REPLY)

NEW QUESTION: 54

The name for the latest generation Cat 6 UTP cable for use with 10 Gigabit networks is ______.

- A. Augmented Cat 6
- B. Cat 7

NEW QUESTION: 59

Gigabit Ethernet uses all four pairs of a UTP cable _ _ _ _ _ _ _ _ _ _.

- A. Bidirectionally
- B. Simultaneously and bidirectionally
- C. For power
- D. With 2 pairs in each direction

Answer: B (LEAVE A REPLY)

NEW QUESTION: 60

Why is the structured cabling standard not like "code"?

- A. It is not legally required
- B. It changes every year
- C. It doesn't deal with flammability
- D. It is not written by the NFPA

Answer: A (LEAVE A REPLY)

NEW QUESTION: 61

UTP cable is designed to be pulled with no more than _ _ _ _ _ pounds tension.

- A. 5
- B. 15
- C. 25
- D. 50

Answer: C (LEAVE A REPLY)

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NEW QUESTION: 62

The difference between the termination schemes of T568A and T568B is _____?

- A. Reversal of tip and ring
- B. Keying on plugs and jacks
- C. Determined by the speed of the network
- D. Reversal of pairs 2 and 3

Answer: (SHOW ANSWER)

- B. LED
- C. VCSEL
- D. DFB lasers

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 73

Which punchdown block is more often used with POTS telephone connections?

- A. 66 block
- B. Bix block
- C. 110 block
- D. Krone block

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 74

Loss of a fiber or any fiber in a cable is measured in _____.

- A. milliwatts
- B. dBm
- C. dB

Answer: C ([LEAVE A REPLY](#))

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