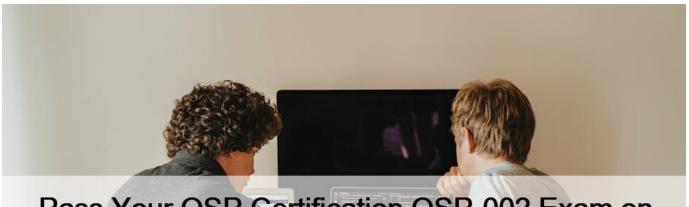
Pass Your OSP Certification OSP-002 Exam on May 10, 2023 with 170 Questions [Q11-Q33



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Pass Your OSP Certification OSP-002 Exam on May 10, 2023 with 170 Questions OSP-002 Free Exam Study Guide! (Updated 170 Questions)

NO.11 Outside plant cabling can be installed by _____.

- * Pulling it underground in conduit
- * Direct burial
- * Aerial suspension
- * All of the above

NO.12 OTDRs are used in outside plant cables to ______.

- * Verify splice loss
- * Measure length
- * Find faults
- * All of the above

NO.13 Multimode graded-index glass fiber optic cables are tested with ______ sources at ______ and _____ wavelengths. * LED, 650, 850 nm

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- * LED, 850, 1300 nm
- * Laser, 980, 1400 nm
- * Laser, 1310, 1550 nm

NO.14 What cable types are included in the TIA-568 structured cabling standards?

- * UTP (unshielded twisted pair), STP (shielded twisted pair) and coax
- * UTP (unshielded twisted pair) and coax
- * UTP (unshielded twisted pair), ScTP (screened twisted pair) and STP (shielded twisted pair)
- * UTP (unshielded twisted pair), ScTP (screened twisted pair), STP (shielded twisted pair) and fiber optics

NO.15 Coarse wavelength division multiplexing (CWDM) systems require ______ to allow transmitting in the E-Band (1260-1360 nm).

- * Low water peak fiber
- * DFB lasers
- * 1490 nm pump lasers

NO.16 Wireless access points can use _____ to simplify powering the equipment.

- * Low voltage power supplies
- * AC
- * Power over Ethernet (IEEE 802.3ah)
- * Data signal power

NO.17 (Choose all correct answers)

What optical fiber types are recognized in the structured cabling standards?

- * Multimode in backbones
- * Singlemode in backbones
- * Multimode in horizontal connections
- * Singlemode in horizontal connections

NO.18 What is the international standard for structured cabling?

- * TIA-568
- * ISO-11801
- * ISO-9000
- * IEC-0001

NO.19 Before beginning a wireless installation, it is most important that you _____.

- * Decide which vendors to use
- * Make sure the vendors, products work together
- * Carefully estimate costs
- * Do a thorough site survey

NO.20 Why are punchdown blocks used with Cat 3 and Cat 5 cabling?

- * Terminate cables from equipment
- * Interconnect cables in a telecom closet
- * Change from T568A to T568B terminations
- * Meet EIA/TIA 568 Standards

NO.21 The international standard for structured cabling is _____?

* TIA-568

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- * ISO-11801
- * ISO-9000
- * IEC-0001

NO.22 What type of source is used for testing singlemode fibers?

- * LED
- * VCSEL
- * Laser

NO.23 What do Category 3, Category 5e and Category 6 designations mean?

- * How well the cables are made
- * Flame retardance of the cable
- * How far the cable will work in networks
- * The performance level of UTP cable

NO.24 A wireless antenna is also known as a _____

- * Hot spot
- * Wireless router
- * WC (wireless cell)
- * Access point

NO.25 Why is the structured cabling standard not like "code"?

- * It doesn't deal with flammability
- * It is not legally required
- * It changes every year
- * It is not written by the NFPA

NO.26 What actually makes the electrical connection with the wires in a 110 block?

- * Punchdown tool with 110 blade
- * Insulation displacement connectors in the connecting block
- * The base of the block
- * A second cable

NO.27 Which punchdown block is more often used with data (Cat 5e/6)?

- * Bix block
- * Krone block
- * 110 block
- * 66 block

NO.28 From a reliability standpoint, ______ is the best method to join two fibers.

- * Mechanical splicing
- * Fusion splicing
- * Adhesive/polish connectors
- * Factory terminations

NO.29 Today, with the exception of some _____, the entire telephone backbone is fiber optics..

- * Rugged or remote locations
- * Ultra-high speed connections
- * Large cities
- * Triple play systems

NO.30 Each floor should be allocated one _____ when floor space is under 10,000 sq ft.

- * Equipment room
- * MUTOA
- * User
- * Telcom room (closet)

NO.31 UTP cable is designed to be pulled with no more than _____ pounds tension.

- * 5
- * 15
- * 25
- * 50

NO.32 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)

- * Fewer cables are needed
- * Fewer repeaters are needed
- * Less power is consumed by the network
- * Less maintenance is required

NO.33 Wavelength division multiplexing uses ______ to transmit multiple signals on a single fiber.

- * The ability of fiber to transmit multiple wavelengths without mixing
- * F-P Lasers
- * The wide spectral width of lasers
- * The high fiber bandwidth

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