

# First-grade CDCP Latest Examprep, Ensure to pass the CDCP Exam



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It is browser-based; therefore no need to install it, and you can start practicing for the Certified Data Centre Professional (CDCP) (CDCP) exam by creating the EXIN CDCP practice test. You don't need to install any separate software or plugin to use it on your system to practice for your actual Certified Data Centre Professional (CDCP) (CDCP) exam. DumpsReview Certified Data Centre Professional (CDCP) (CDCP) web-based practice software is supported by all well-known browsers like Chrome, Firefox, Opera, Internet Explorer, etc.

## EXIN CDCP Exam Syllabus Topics:

Topic	Details
Topic 1	<ul style="list-style-type: none"><li>Electro Magnetic Fields: The topic deals with effects of EMF on human health and equipment (H)EMP, standards, and EMF shielding solutions.</li></ul>
Topic 2	<ul style="list-style-type: none"><li>Data Centre Location, Building and Construction: It focuses on appropriate sites and components of an effective data centre and supporting facilities setup.</li></ul>
Topic 3	<ul style="list-style-type: none"><li>Raised Floor</li><li>Suspended Ceiling: The topic discusses applicable standards, signal reference grid, and disability act and regulations.</li></ul>
Topic 4	<ul style="list-style-type: none"><li>Power Infrastructure: It focuses ATS and STS systems, redundancy levels and techniques, static and dynamic UPS systems, battery types, thermo-graphics, and renewable energy factor (REF).</li></ul>
Topic 5	<ul style="list-style-type: none"><li>Designing a Scalable Network Infrastructure: It covers ANSI</li><li>TIA-942 cabling hierarchy, network redundancy, structured Cabling System, and planning considerations.</li></ul>
Topic 6	<ul style="list-style-type: none"><li>Water Supply: This topic is all about water supply techniques and application areas.</li></ul>

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## **EXIN Certified Data Centre Professional (CDCP) Sample Questions (Q49-Q54):**

### **NEW QUESTION # 49**

Which one of the following is a Natural Disaster?

- A. Human Error
- B. Blackouts
- C. Grid Failure
- D. **Hurricanes**

**Answer: D**

Explanation:

According to the CDCP Preparation Guide, a natural disaster is a catastrophic event that is caused by natural forces and has a significant impact on human lives, property, and environment. Hurricanes are examples of natural disasters, as they are powerful storms that form over warm ocean waters and produce strong winds, heavy rain, storm surges, and flooding. Grid failure, blackouts, and human error are not natural disasters, but rather man-made or technological disasters that result from failures or errors in human systems or activities.

References: CDCP Preparation Guide, page 9. Natural Disaster Readiness for Data Centers. EM-DAT - The international disaster database. PDC Global - Pacific Disaster Center.

### **NEW QUESTION # 50**

An optical fiber cable comes with the specifications 50/125  $\mu\text{m}$

What do the numbers represent?

- A. The first number represents the required distance to single-phase power cabling; the second number represents the required distance to three-phase cabling.
- B. **The first number represents the diameter of the core; the second number represents the diameter of the cladding in microns.**
- C. The first number represents the diameter of the core; the second number represents the actual diameter cable including the buffer and jacket.
- D. The first number represents the distance for a 10 Gb/s connection; the second number represents the distance for a 1 Gb/s connection.

**Answer: B**

Explanation:

Optical fiber cables are composed of a core, a cladding, and a coating. The core is the central part of the fiber that carries the light signal. The cladding is the layer surrounding the core that reflects the light back into the core and prevents signal loss. The coating is the protective layer that covers the cladding and provides mechanical strength and environmental protection. The specifications of an optical fiber cable indicate the dimensions of the core and the cladding in microns (#m), which are one millionth of a meter. For example, a

50/125 #m cable has a core diameter of 50 #m and a cladding diameter of 125 #m. The coating diameter is usually 250 #m, but it is not part of the specifications.

References: Multimode Optical Fiber Selection & Specification - Corning, Optical Fiber OM3 (50/125 $\mu\text{m}$  Multimode Fiber), 50/125 Graded-Index OM2 Optical Fiber - OFS

### **NEW QUESTION # 51**

Which type of Humidifier suspends quartz lamps over an open pool of water?

- A. Water Canister Humidifier
- B. Ultrasonic Humidifier
- C. **Infrared Humidifiers**

- D. Steam Canister Humidifier

**Answer: C**

Explanation:

Infrared humidifiers are a type of humidifier that use quartz lamps to heat water in an open pool and evaporate it into the air. They are energy-intensive and require frequent maintenance and cleaning. They are not recommended for data centers, as they can introduce contaminants and bacteria into the air, and increase the risk of fire and electrical hazards.

References: EPI Data Centre Training Framework, CDCP Preparation Guide, Make Humidification Adjustments | ENERGY STAR

**NEW QUESTION # 52**

What factor should be considered when placing fluorescent lighting in the data centre?

- A. Fluorescent lights should not be connected to the same UPS that supports the ICT equipment.
- B. Fluorescent lights should not be connected to the mains power supply.
- C. Fluorescent lights should only be installed in equipment supporting areas and not in the Computer /Server room.
- D. Fluorescent lights should not be connected to the back-up generator.

**Answer: A**

Explanation:

The UPS (uninterruptible power supply) is a device that provides backup power to the ICT equipment in case of a power outage or a power quality issue. The UPS should be dedicated to the ICT equipment only, and not to other loads, such as lighting, cooling, or security systems. This is because connecting fluorescent lights to the same UPS as the ICT equipment can cause several problems, such as:

\*Reducing the battery runtime of the UPS, which may not be enough to support the ICT equipment until the backup generator kicks in or the utility power is restored.

\*Increasing the harmonic distortion of the UPS output, which can affect the performance and reliability of the ICT equipment and the UPS itself.

\*Creating electromagnetic interference (EMI) or radio frequency interference (RFI), which can disrupt the communication and data transmission of the ICT equipment.

\*Triggering false alarms or tripping the circuit breakers of the UPS, which can cause downtime or data loss.

Therefore, fluorescent lights should not be connected to the same UPS that supports the ICT equipment.

Instead, they should be connected to a separate power source, such as the utility power, the backup generator, or a different UPS.

References:

1: CDCP Preparation Guide, page 17, section 2.3.1 2: Data Center Lighting Design Considerations3, page 1, section 3 4: Data Center Lighting Solutions5, page 1, section 1 6: Going beyond energy savings in data centers with LEDs7, page 1, section 2

**NEW QUESTION # 53**

The three elements of the fire triangle are, and. (Choose three.)

- A. Heat
- B. Water
- C. Earth
- D. Oxygen
- E. Fuel

**Answer: A,D,E**

Explanation:

The fire triangle is a simple model that illustrates the three elements that a fire needs to ignite and sustain: oxygen, heat, and fuel. Oxygen is the oxidizing agent that enables the combustion reaction, heat is the energy source that raises the temperature of the fuel to its ignition point, and fuel is the material that reacts with oxygen and releases heat and light. Removing any one of these elements can extinguish a fire. For example, water can reduce the heat and the oxygen, sand or soil can smother the fuel and the oxygen, and fire extinguishers can displace the oxygen or lower the temperature.

References: EPI Data Centre Professional (CDCP®) Reference Materials, page 66.EPI Data Centre Framework, Module 4: Fire Protection, page 4. 1, 2, 3.

## NEW QUESTION # 54

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