Vendor: EXIN

Exam Code: CDCP

Exam Name: Certified Data Centre Professional

Version: DEMO

QUESTION 1
Which one of the following does a Physical Infrastructure consists of in a Data Centre?

A. Hub
B. Switch
C. Rack
D. Server

Answer: C
Explanation:
A physical infrastructure in a Data Center consists of racks, which are metal frames used to store and organize server and other IT equipment. The racks are usually arranged in rows and columns, and they can be used to hold servers, storage devices, and other pieces of IT equipment. The racks can also be used to organize cables and other components to ensure that the Data Center is kept organized and efficient.

QUESTION 2
Which one of the following represents the three elements (oxygen, heat and fuel) to interact in order for the fire to exist?

A. The Fire Hexagon
B. The Fire Class
C. The Fire Triangle
D. The Fire Technology

Answer: C
Explanation:
The fire triangle is a simple model that illustrates the three elements a fire needs to ignite: heat, fuel, and an oxidizing agent (usually oxygen). A fire naturally occurs when the elements are present and combined in the right mixture. A fire can be prevented or extinguished by removing any one of the elements in the fire triangle.

QUESTION 3
Which one of the following is the last stage in Stages of Combustion?

A. Visible Smoke
B. Intense Heat
C. Incipient
D. Flaming Fire

Answer: D
Explanation:
The last stage in stages of combustion is flaming fire, which occurs when the fuel vapors and oxygen are mixed in the right proportion and ignited by a flame or a spark. Flaming fire is characterized by visible flames, intense heat, and rapid oxidation. Flaming fire can cause severe damage to the data center equipment, personnel, and business continuity. Therefore, it is important to prevent or suppress flaming fire as soon as possible using appropriate fire detection and suppression systems.

QUESTION 4
Mean time between failures is best considered a measure of:

A. Size
B. Cost
C. Duration
D. Reliability

Answer: D
Explanation:
Mean time between failures (MTBF) is a measure of the reliability of a system or component. It represents the average time that a system or component will operate before it fails. The higher the MTBF, the more reliable the system or component is. MTBF is calculated by dividing the total time of operation by the number of failures that occur during that time. MTBF is used to compare the reliability of similar systems or components, and to help with maintenance planning, inventory management, and system design.

QUESTION 5
Which one of the following is an example of Indirect Cost?

A. Legal fees
B. Damaged brand perception
C. System recovery
D. Cost revenues

Answer: B
Explanation:
Damaged brand perception is an example of an indirect cost because it is not directly related to a specific product or service, but rather to the overall reputation and image of the company. Damaged brand perception can result from various factors, such as poor quality, customer dissatisfaction, security breaches, or negative publicity. Damaged brand perception can affect the company's ability to attract and retain customers, partners, and investors, and thus reduce its profitability and competitiveness.

QUESTION 6
Which one of the following is an example of Direct Cost?

A. Legal fees
B. Damaged brand perception
C. Negative public relations
D. Reduced customer satisfaction

Answer: A
Explanation:
Legal fees are an example of direct cost because they can be directly attributed to a specific project, product, or service. Legal fees are incurred for the purpose of obtaining legal advice, drafting contracts, resolving disputes, or complying with regulations related to the core business activity. Legal fees are not general overhead expenses that are shared by multiple cost objects.

QUESTION 7
Which type of Humidifier is composed of water-filled canister containing electrodes?

A. Infrared Humidifiers

B. Water Canister Humidifier
C. Steam Canister Humidifier
D. Ultrasonic Humidifier

Answer: C
Explanation:
A steam canister humidifier is a type of humidifier that uses electricity to heat water in a canister containing electrodes. The water conductivity and the water level determine the amount of current and steam production. The steam canister humidifier is also known as an electrode boiler humidifier or an electrode steam humidifier.

QUESTION 8
The termination of the ability of a product to perform its required function can be defined as .

A. Failure
B. Termination
C. Hindrance
D. Obstacle

Answer: A
Explanation:
Failure is defined as "the termination of the ability of a product to perform its required function" (page 9). Failure can occur due to various reasons, such as wear and tear, design flaws, human errors, environmental factors, or external events. Failure can affect the availability, reliability, and performance of a product, system, or service.

QUESTION 9
Which one of the following is used in Measuring Business Value?

A. Regeneration Cost
B. Scalability
C. Reliability
D. Upfront Cost

Answer: B
Explanation:
Measuring business value is the process of assessing the benefits and costs of IT investments and initiatives in relation to the strategic objectives and priorities of the organization. One of the factors that can be used to measure business value is scalability, which is the ability of a system or component to handle increasing workloads or demands without compromising performance, quality, or functionality. Scalability is important for business value because it enables the organization to adapt to changing market conditions, customer expectations, and growth opportunities. Scalability can also reduce operational costs, increase efficiency, and improve customer satisfaction. Therefore, scalability is one of the factors that can be used in measuring business value.

QUESTION 10
Which one of the following is an Audible Signaling and Notification Device?

A. Sirens
B. Strobes

C. Alarms
D. Clocks

Answer: A
Explanation:
An audible signaling and notification device is a device that produces a sound to alert or notify the occupants of a data center of an event or condition. Sirens are examples of such devices, as they can emit loud and distinctive tones to warn of fire, emergency, or security incidents. Strobes, on the other hand, are visual signaling and notification devices that produce flashes of light to attract attention or convey information. Alarms and clocks are not specific types of devices, but rather general terms that can refer to various audible or visual devices.

QUESTION 11
Measuring "Business Values" begins first with .

A. Physical Infrastructure
B. Topology
C. Network
D. Budget

Answer: D
Explanation:
Measuring "Business Values" begins first with budgeting and identifying the costs associated with the project. This includes understanding the economic impact of the project, such as the cost of labor, materials, and other resources. It is also important to evaluate the return on investment (ROI) of the project, which will help to determine its overall value. Additionally, it is important to consider the long-term impact of the project and its potential to add value to the business in the future.

QUESTION 12
The three elements of the fire triangle are , and . (Choose three.)

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

Answer: ACE
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.

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