

APC DU0-001

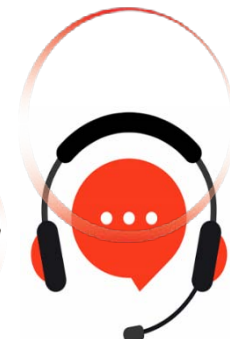
Data Center University Associate Certification

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Question: 1

Which statement is correct about using Halon as a fire suppression agent in data centers?

- A. It is lethal to humans.
- B. It damages the ozone layer.
- C. It is corrosive to computer equipment.
- D. It is conductive and may cause computer faults.

Answer: B

Question: 2

What does the term " short cycling " mean?

- A. The fire suppression system clean agents are running low and have not been recycled.
- B. Cool air from the CRAC bypasses the IT equipment and flows directly into the CRAC return air duct.
- C. The raised floor is obstructed with excess cables and cool air is not getting through the vented floor tiles.
- D. The UPS supplies less runtime than anticipated because of overall wear and tear on the internal batteries.

Answer: B

Question: 3

You are asked to assess a data center ' s risk of fire. Upon a visual inspection of the data center you notice several areas of concern.

Which two should you address? (Choose two.)

- A. Acoustic foam
- B. Trash receptacle
- C. Plenum rated cables
- D. Recessed sprinkler heads

Answer: A,B

Question: 4

What is a primary impact of high humidity in the data center?

- A. It corrupts data on disk drives.
- B. It triggers short circuits in power distribution units.
- C. It creates airborne health hazards in the data center.
- D. It corrodes internal computer components over time.

Answer: D

Question: 5

What is the worldwide recognized standard for equipment mounting spacing for 482.6 mm (19 inch) equipment?

- A. EIA-310
- B. UL 1778
- C. CSA C22.2
- D. NEBS GR-63-CORE

Answer: A

Question: 6

Which statement is a recognized characteristic of single-phase power?

- A. Single-phase power excludes the use of three-phase power in the data center.
- B. Single-phase power provides an effective means for delivering DC power to the data center.
- C. Single-phase power is an effective choice of power supply when data center users require large volumes of power.
- D. Single-phase power implies that power comes into the data center with one " hot " wire, along with accompanying neutral and ground.

Answer: D

Question: 7

What are three data center attributes that impact the selection of a fire protection system? (Choose three.)

- A. The presence of a raised floor
- B. Number of air changes per hour
- C. The rated capacity of the UPS system
- D. The number of double insulated windows
- E. Proximity of the data center to other buildings

Answer: A,B,E

Question: 8

Based on individual network IP addresses, an enterprise management system (EMS) handles which type of information?

- A. Device centric
- B. Network centric
- C. Element centric
- D. Data point centric

Answer: A

Question: 9

The rear of an IT equipment rack is fitted with a duct that is connected to a drop ceiling plenum; the plenum is connected by a duct to the perimeter CRAC unit. The CRAC unit discharges air into a raised floor. The IT equipment rack is located above a hole in the raised floor which allows conditioned air to enter the rack.

This is an example of which type of air distribution system?

- A. Flooded supply, fully ducted return
- B. Locally ducted supply, flooded return
- C. Flooded supply, locally ducted return
- D. Fully ducted supply, fully ducted return

Answer: D

Question: 10

Chilled water produced by a chiller is typically within which temperature range?

- A. 34 - 38 F (1 - 3 C)
- B. 44 - 48 F (6 - 9 C)

- C. 56 - 60 F (13 - 16 C)
- D. 70 - 74 F (21 - 23 C)

Answer: B

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