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Data Center University Associate Certification

APC DU0-001

Version Demo

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QUESTION NO: 1

Which statement describes biometrics?

- A. The design of ergonomic factors that affect data center efficiency
- B. Data trending and analysis of the traffic passing a security check point
- C. Access control based on a unique physical characteristic of an individual
- D. Monitoring of environmental factors, such as heat and humidity, that affect data center personnel

ANSWER: C

QUESTION NO: 2

How do enclosures improve rack system cooling?

- A. By improving natural air flow
- B. By improving fire suppression
- C. By allowing hot and cold air to mix together
- D. By preventing hot and cold air from mixing together

ANSWER: D

QUESTION NO: 3

Which are three examples of "what you know" access control? (Choose three.)

- A. Password
- B. Coded lock
- C. Iris detection sensor
- D. Speaking into a voice recognition sensor
- E. Use of keyboard commands to log in to a computer system

ANSWER: A B E

QUESTION NO: 4

What are three elements of the network-critical physical infrastructure (NCPI)? (Choose three.)

- A. Racks
- B. Power
- C. Cooling
- D. Storage
- E. Servers

ANSWER: A B C

QUESTION NO: 5

Which two would cause a swell? (Choose two.)

- A. Ground fault interrupt
- B. Sudden load reductions
- C. Single-phase fault in a three-phase system
- D. Automatic transfer switch (ATS) transfer to secondary power

ANSWER: B C

QUESTION NO: 6

What are three benefits of Inergen? (Choose three.)

- A. It is non-conductive.
- B. It has zero ozone depletion potential.
- C. It has a low pressure delivery system.
- D. It requires less storage tanks than Halon.

E. It is safe to discharge in an occupied area.

ANSWER: A B E

QUESTION NO: 7

What is an advantage of air cooled split systems?

- A. Lower capital costs for smaller installations
- B. Refrigerant piping must be installed in the field
- C. Reduction in maintenance complexity and cost
- D. Introduces an additional source of liquid to the data center

ANSWER: C

QUESTION NO: 8

What is the core management component of any fire protection system?

- A. Fire control panel
- B. Intelligent smoke detector
- C. Energy management system
- D. Building management system

ANSWER: A

QUESTION NO: 9

Which rack / enclosure would be used for limited space with just one or two pieces of small equipment?

- A. Seismic enclosure
- B. Four post open frame
- C. Wall-mount enclosure

D. Free-standing enclosure

ANSWER: C

QUESTION NO: 10

What are three power distribution components found in data centers? (Choose three.)

- A. Ground loop
- B. Branch circuit
- C. Metered outlet strip
- D. Power distribution unit (PDU)
- E. Valve regulated lead acid (VRLA) battery

ANSWER: B C D

QUESTION NO: 11

Physical security can be increased by which three activities? (Choose three.)

- A. Adding more IT personnel
- B. Adding live security guards
- C. Changing from smart cards to bar code badges
- D. Adding concentric security zones to increase "depth of security"
- E. Adding password or fingerprint verification at a card-reading checkpoint

ANSWER: B D E

QUESTION NO: 12

How is the problem of Electro-Static Discharge(ESD) in the data center solved?

- A. By installing TVSS devices
- B. By installing RCD breakers in the PDU

- C. By connecting bimetallic strips to all racks
- D. By insulating IT equipment with rubber bushings

ANSWER: A

QUESTION NO: 13

What is the load per rack where the room cooling architecture starts to become impractical?

- A. 1 kW
- B. 3 kW
- C. 7 kW
- D. 10 kW

ANSWER: B

QUESTION NO: 14

What is the primary purpose of data center physical security?

- A. To monitor activities of data center employees
- B. To set up proper firewalls and avoid hacking of computers
- C. To keep unauthorized people out of places they do not belong
- D. To research the background of individuals who visit the data center

ANSWER: C

QUESTION NO: 15

An infrared scan of cabling can detect what two problems? (Choose two.)

- A. An overloaded circuit
- B. A loose connection
- C. Compatibility errors

D. Electrical interference

ANSWER: A B

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