Data Center University Associate Certification

APC DU0-001

Version Demo

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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: 2

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: 3

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

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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: 5

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: 6

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

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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
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QUESTION NO: 8

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: 9

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

ANSWER: B C D

QUESTION NO: 10
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
QUESTION NO: 11
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: 12
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

QUESTION NO: 13

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: 14

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: 15

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