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QUESTION 1

Cooling towers are a typical component of which heat rejection system?

- A. Water cooled system
- B. Glycol cooled system
- C. Air cooled split system
- D. Air cooled self-contained system

Correct Answer: A

QUESTION 2

Which statement illustrates a characteristic of nominal voltage?

- A. Nominal voltage is the voltage reference published by the power company.
- B. In most geographies, nominal voltage is fixed at either 380 V or 460 V.
- C. Nominal voltage is calculated based upon the load characteristics of the end user.
- D. Nominal voltage is the voltage that is supplied to the building and factors in power distribution losses.

Correct Answer: A

QUESTION 3

Which rack accessory prevents exhaust air from being recirculated and entering equipment intakes?

- A. Cage nuts
- B. Vented shelves
- C. Blanking panels
- D. Cable managers

Correct Answer: C

QUESTION 4

Which two clean agents are commonly specified for data center fire suppression? (Choose two.)

- A. Inergen
- B. FE-130

C. FM-200

D. Halon 1211

Correct Answer: AC

QUESTION 5

What two characteristics can result in poor performance of network cables? (Choose two.)

A. Tie wraps that are too tight

B. Vertical cable management

C. A bend radius that is too small

D. An overhead deployment with cables run in troughs

Correct Answer: AC

QUESTION 6

What is an advantage of hot aisle/cold aisle rack configuration?

A. It prevents hot exhaust air from leaving the cold aisle.

B. It prevents cold air from being drawn into the IT equipment intakes.

C. It prevents exhaust air of one rack from being in the intake.

D. It prevents hot exhaust air from reaching the computer room cooling units.

Correct Answer: C

QUESTION 7

What is most critical for an aircraft that is in flight?

A. Reliability

B. Availability

C. Manageability

D. Maintainability

Correct Answer: A

QUESTION 8

What defines a sub-panel?

- A. An enclosure consisting of buss-bars and circuit breakers located at the service entrance to a building
- B. An enclosure consisting of buss-bars and circuit breakers with the fundamental purpose of distributing power to receptacles and the load
- C. An enclosure consisting of buss-bars and circuit breakers designed to accept two sources of power and operate as a best source selector
- D. An enclosure consisting of buss-bars and draw-out circuit breakers with the fundamental purpose of distributing power to branch distribution panels

Correct Answer: B

QUESTION 9

What is the primary feature of a smart card?

- A. A picture
- B. A bar code
- C. A silicon chip
- D. An expiration date

Correct Answer: C

QUESTION 10

What does the CFD acronym stand for?

- A. Certified Field Dichotomy
- B. Circular Flow Determination
- C. Computational Finite Deviation
- D. Computational Fluid Dynamics

Correct Answer: D

QUESTION 11

What is a result of an undervoltage condition?

- A. Transients
- B. Motors overheating
- C. Power distribution oversizing

D. UPS frequency compensation

Correct Answer: B

QUESTION 12

Which external factor will affect the level of moisture in the data center?

- A. Outside temperature
- B. Outside barometric air pressure
- C. Outside air coming in to supplement cooling
- D. Chilled water being pumped down from the roof

Correct Answer: C

QUESTION 13

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

Correct Answer: C

QUESTION 14

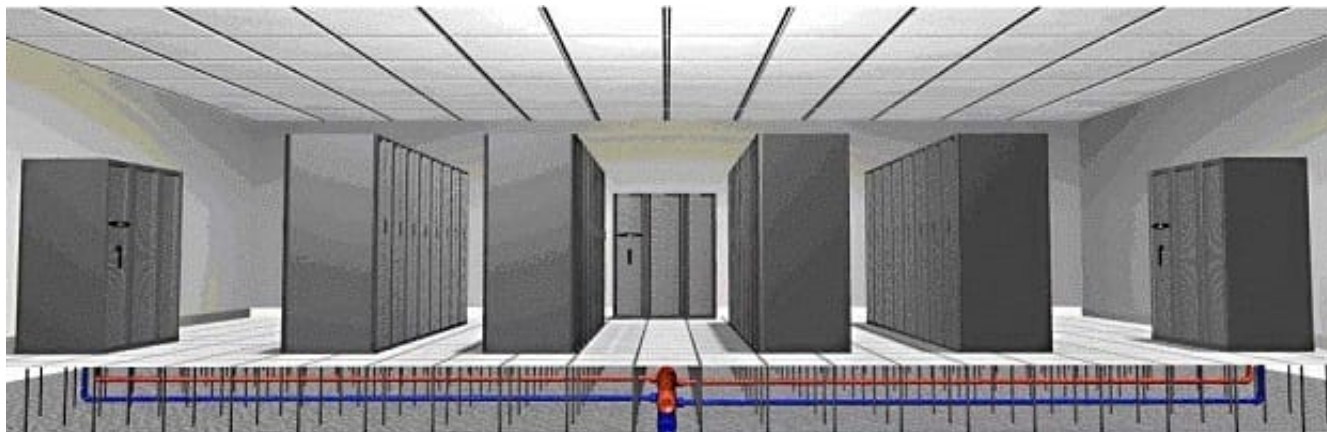
Which statement describes a three-phase power source?

- A. Two voltage sine wave references consisting of two "hot" wires and a ground
- B. One voltage sine wave reference consisting of a "hot" wire, a neutral wire, and a ground
- C. Three voltage sine wave references consisting of one "hot" wire, one neutral wire, and a ground
- D. Three voltage sine wave references consisting of three "hot" wires and accompanying neutral and a ground

Correct Answer: D

QUESTION 15

Click the Exhibit button.



This picture illustrates which type of cooling architecture?

- A. Hybrid
- B. Row-oriented
- C. Rack-oriented
- D. Room-oriented

Correct Answer: D

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