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QUESTION 1

What is the advantage of a three-phase power source versus a single-phase power source?

- A. Three-phase power delivers balanced voltage across all three-phases.
- B. Three-phase power delivers up to three times the amount of power of a single-phase power source.
- C. Three-phase power cancels neutral harmonics on the 3rd, 5th, and 7th orders where Single-phase power does not.
- D. Three-phase power does not require a neutral; therefore, you can attain increased levels of efficiency over single-phase power.

Correct Answer: B

QUESTION 2

Which method will allow IT and Facilities to monitor every aspect of the data center?

- A. Enterprise management system (EMS) only
- B. Network-critical physical infrastructure (NCPI) only
- C. EMS and building management systems (BMS) through an NCPI element manager
- D. Enterprise management system (EMS) and building management systems (BMS) with integrated backbone

Correct Answer: C

QUESTION 3

What function do patch panels serve in a data center?

- A. They convert Internet protocols (IP).
- B. They convert copper signals into fiber optic light signals.
- C. They serve as a demarcation point where ends of bulk cable converge.
- D. They improve the data cable signal capacity from 100 Base-T to 10 Gigabyte Ethernet.

Correct Answer: C

QUESTION 4

Which describes an intelligent spot type smoke detector?

- A. Changes the tone of the alarm depending on the heat intensity of a fire

- B. Allows location-specific information to be sent to the central control station
- C. Regulates the amount of air entering the sensor chamber to minimize false alarms
- D. Uses wireless technology similar to RFID which requires fewer detectors per unit area

Correct Answer: B

QUESTION 5

What is the unit of measurement of the electrical current moving through a circuit?

- A. Volt
- B. Amp
- C. Ohm
- D. Frequency

Correct Answer: B

QUESTION 6

A co-location company invested huge amounts of capital to develop a solid, high security infrastructure and planned for "worse case" in terms of capacity.

What are two possible reasons this company failed? (Choose two.)

- A. They tied up unnecessary capital.
- B. The power capacity forecast was underestimated.
- C. They could not adapt to changing customer needs.
- D. They ran out of floor space to host additional clients.

Correct Answer: AC

QUESTION 7

What characterizes the effect of high humidity levels in the data center?

- A. High humidity causes long term corrosion damage to data center equipment.
- B. The extent of corrosion damage depends upon average ambient temperature.
- C. The extent of corrosion damage depends upon the dry airflow pattern in the data center.
- D. High humidity causes immediate corrosion damage to equipment within the data center.

Correct Answer: A

QUESTION 8

What is the major weakness of a bar code card system?

- A. The cards are expensive.
- B. The cards interfere with RFID systems.
- C. It is relatively easy to duplicate the cards.
- D. Running a magnet next to a card reader will disrupt the accuracy of the reader.

Correct Answer: C

QUESTION 9

What is a component of the network-critical physical infrastructure (NCPI)?

- A. Voice over IP
- B. Fire protection
- C. Office supplies
- D. Desktop application software

Correct Answer: B

QUESTION 10

Which three situations can physical security systems help prevent? (Choose three.)

- A. Network viruses
- B. Accidental EPO activation
- C. Theft of generator batteries
- D. Power outages caused by the utility company
- E. Circuit overloads due to unauthorized addition of servers

Correct Answer: BCE

QUESTION 11

Which three critical functions does grounding serve for a standby generator? (Choose three.)

- A. Prevents harmonics from affecting the IT load
- B. Provides a low-impedance electrical return path
- C. Prevents electrical shock during maintenance and/or repair
- D. Serves as a reference signal to the automatic transfer switch
- E. Ensures circuit breakers trip before electrical malfunctions develop into fires

Correct Answer: BCE

QUESTION 12

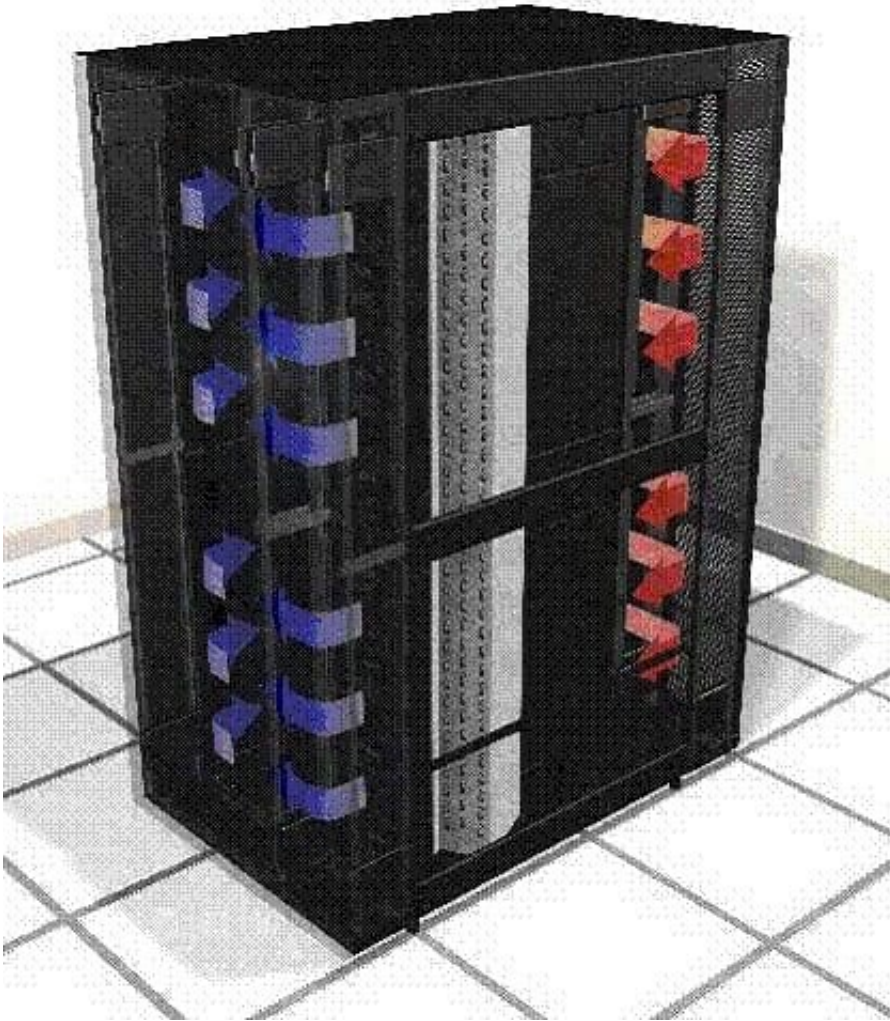
What are three elements of the network-critical physical infrastructure (NCPI)? (Choose three.)

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

Correct Answer: ABC

QUESTION 13

Click the Exhibit button.



This picture illustrates which type of cooling architecture?

- A. Rack
- B. Row
- C. Room
- D. Building

Correct Answer: A

QUESTION 14

Which cooling architecture has the shortest air flow paths between the cooling unit and the IT equipment?

- A. Row
- B. Rack
- C. Room

D. Building

Correct Answer: B

QUESTION 15

What are three components of power distribution? (Choose three.)

- A. Flexible conduit
- B. Circuit / branch circuit
- C. Automatic Transfer Switch (ATS)
- D. Uninterruptible Power Supply (UPS)
- E. Ground Loop

Correct Answer: BCD

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