

DUMPS ARENA

Data Center University Associate Certification

APC DU0-001

Version Demo

Total Demo Questions: 15

Total Premium Questions: 325

Buy Premium PDF

<https://dumpsarena.co>

sales@dumpsarena.co

sales@dumpsarena.co
dumpsarena.co

QUESTION NO: 1

Which benefit is provided when air distribution methods return the warmest air to the CRAC units?

- A. Decreased heat load in the data center
- B. Increased capacity of the cooling system
- C. Maximized mixing of supply and return air
- D. Elimination of resistance created by underfloor cables

ANSWER: B

QUESTION NO: 2

What are three transformer types? (Choose three.)

- A. Step-up transformer
- B. Isolation transformer
- C. Step-down transformer
- D. Delayed input transformer
- E. Limited induction transformer

ANSWER: A B C

QUESTION NO: 3

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

ANSWER: A

QUESTION NO: 4

Seismic enclosures are designed to protect installed equipment from what hazards?

- A. Earthquakes
- B. Liquids
- C. Dusty environments
- D. Fire or excessive heat

ANSWER: A

QUESTION NO: 5

Which three preventative maintenance activities are required to ensure reliability of a standby generator and automatic transfer switch? (Choose three.)

- A. Take coolant samples.
- B. Perform a thermal scan.
- C. Perform a diagnostic on the rectifier.
- D. Perform an inverter voltage regulation check.
- E. Perform a trip setting check of all major circuit breakers.

ANSWER: A B E

QUESTION NO: 6

What represents a direct cost of downtime when an outage occurs in the data center?

- A. Brand perception is damaged.
- B. Revenue streams are slowed or stopped.
- C. Data center personnel need to be retrained.
- D. Software needs to be upgraded to latest versions.

ANSWER: B

QUESTION NO: 7

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: 8

What are two circuit breaker types found in a building or data center? (Choose two.)

- A. Thermal
- B. Magnetic
- C. Fast-acting
- D. Photovoltaic

ANSWER: A B

QUESTION NO: 9

Click the Exhibit button.



Which type of power problem is illustrated in the exhibit?

- A. Harmonics
- B. Overvoltage
- C. Overcurrent
- D. Frequency variation

ANSWER: B

QUESTION NO: 10

What is a limiting factor when specifying the height of a rack / enclosure?

- A. Cable capacity
- B. Cooling requirements
- C. Overhead fire sprinklers
- D. Enclosure door clearance

ANSWER: C

QUESTION NO: 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

ANSWER: B C E

QUESTION NO: 12

What is an advantage of ceiling mount systems?

- A. They plug into wall outlets
- B. They provide the highest capacity units
- C. They rapidly redeploy to a different location
- D. They do not take away from IT equipment space

ANSWER: D

QUESTION NO: 13

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 NO: 14

Which two concepts does "NCPI agility" address? (Choose two.)

- A. Ability to virtualize
- B. Ability to oversize
- C. Ability to reconfigure
- D. Speed of deployment

ANSWER: C D

QUESTION NO: 15

The power cable should be marked, at minimum, with which two pieces of information? (Choose two.)

- A. The source PDU
- B. The date installed
- C. The circuit breaker it is fed from
- D. The voltage capacity of the cable

ANSWER: A C