



**Vendor:** APC

**Exam Code:** PB0-200

**Exam Name:** NCPI Design

**Version:** DEMO

#### QUESTION 1

What is TVSS?

- A. Transient voltage Static Switch
- B. Terminal Voltage Surge Suppression
- C. Transient voltage surge suppression
- D. Transient variable surge suppression

**Answer: C**

#### QUESTION 2

If a rack-mount PDU is accidentally overloaded, which device activates and isolates the electric power to the outlets?

- A. TVSS
- B. Transformer
- C. Circuit breaker
- D. Automatic Transfer Switch

**Answer: C**

#### QUESTION 3

What physical property of all electrical equipment dictates the amount of cooling it will require?

- A. size of printed circuits boards
- B. weight of electronic components
- C. location of components inside equipment
- D. inefficiency of power and digital components

**Answer: D**

#### QUESTION 4

What is current?

- A. the flow of electrons through a conductor
- B. the potential difference between two points
- C. the capability of a conductor to store a charge
- D. the amount of voltage flowing through a conductor

**Answer: A**

#### QUESTION 5

What distinguishes precision cooling from comfort cooling with regard to airflow?

- A. Precision cooling has approximately 160 fm/kw vs 90 cfm/kw for comfort cooling
- B. Precision cooling has approximately 90 fm/kw vs 160 cfm/kw for comfort cooling
- C. Precision cooling must use a ducted airflow supply while comfort cooling must use a free airflow supply.

- D. Precision cooling must use a free airflow supply while comfort cooling must use a ducted airflow supply.

**Answer:** A

**QUESTION 6**

Which type air conditioning system generally has the lowest initial cost for the entire system?

- A. air cooled
- B. chilled water
- C. water cooled
- D. glycol cooled

**Answer:** A

**QUESTION 7**

What is "voltage"? (choose two)

- A. Electromotive Force (emf)
- B. The flow of electrons through a conductor
- C. The potential difference between two points
- D. The ability of a component to store a charge
- E. The energy given off as heat in an electric circuit

**Answer:** AC

**QUESTION 8**

What are two advantages of ceiling-mounted air conditioners?

- A. A raised floor is not necessary
- B. It does not take up any floor space
- C. It is easily maintained and serviced
- D. Condensation is above the dropped ceiling
- E. A contractor is not necessary for installation

**Answer:** AB

**QUESTION 9**

What is a 2N UPS system design?

- A. a dual-input single module UPS
- B. a parallel redundant UPS system consisting of two UPS modules
- C. two independent UPS system feeding dual-corded power supplies
- D. one single-module UPS feeding several dual-corded power supplies

**Answer:** C

**QUESTION 10**

Company.com has a 10-year-old computer room with a 30 cm raised-floor plenum. They have just completed a change out of some IT equipment and also re-cabled much of the equipment with Cat5E and fiber. They are now having cooling problems in a few areas of the room. What are two likely causes?

- A. The new IT equipment draws air bottom to top, creating heat plumes around the racks
- B. When the new cabling was added, the old cable was not pulled from the raised-floor plenum, creating air dams.
- C. Some of the new IT equipment is more dense and is generating more heat than the previous equipment at that location.
- D. The new fiber cable emits more heat than the previous copper network cabling, which causes an increase in the temperature of the air leaving the perforated tiles.

**Answer:** BC

#### **QUESTION 11**

Approximately how much cooling capacity does a 5-ton air conditioner have?

- A. 12kw
- B. 17kw
- C. 20kw
- D. 60kw

**Answer:** B

#### **QUESTION 12**

What is one advantage of using precision cooling rather than comfort cooling?

- A. No humidity control is required
- B. Reheat is available to increase humidity
- C. Temperature control is within +/-0.5 degree Celsius (+/-1 degree Fahrenheit.)
- D. Temperature control is within +/-0.3 degree Celsius (+/-5 degree Fahrenheit.)

**Answer:** C

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