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**Question: 1**

Which air supply mode requires reasonable raised floor height?

- A. Air supply mode using blast caps.
- B. Underfloor air supply mode
- C. Air supply mode using wind pipe
- D. In-row horizontal air supply mode

**Answer: B**

**Question: 2**

Which of the following statements is true about UPS5000 power modules and bypass modules?

- A. The UPSS000-E-200K and UPS5000-E-400K use the same power module and provide the same capacity of 50 kVA but have different numbers of power modules.
- B. For UPSs of the same model but in different power segments, their bypass module capacity is the same.
- C. The power module capacity of both the UPS5000-S and UPS5000-E is 50 kVA. Therefore, the two types of UPS can be used together.
- D. The power modules used in the UPSS000-S-1200K are the same as those used in the UPS5000-E- 200K.

**Answer: A**

**Question: 3**

In operant conditioning, the subject is free to make responses at any time, So conditioning is measured by the rate of responding. In most other Ways, however, their forms of learning are essentially the same.

- A. When UPSs are connected in parallel, connect loads to the pL terminal.
- B. When a single UPS works and loads are of the same importance, connect all loads to the sL terminal.
- C. When a single UPS works and loads are divided into two levels, connect the primary load to the sL terminal and the secondary load to the pl\_ terminal.
- D. When the UPS is overloaded, the loads connected to the sL terminal will be powered off first to ensure continuous power supply to the loads connected to the pj\_ terminal.

**Answer: D**

**Question: 4**

What is the input/output voltage range of the SmartLi BCU?

- A. 280415 V
  - B. 300400 V
  - C. 300480 V
  - D. W00-544 V
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**Answer: C**

**Question: 5**

To determine whether the R410A refrigerant meets requirements, compare the internal pressure of the refrigerant with the saturation pressure corresponding to the refrigerant temperature. If the difference between the internal pressure and the saturation pressure is within the range of which of the following, replace the refrigerant?

- A. 0-0.05 MPa
- B. 0.05-0.1 MPa
- C. 0.1-0.2 MPa
- D. 0.25-0.3 MPa

**Answer: B**

**Question: 6**

Which of the following statements is false about the ECM of the UPS5000-E?

- A. As a control interface for the entire system, the ECM communicates with each module and provides a bus for communication between the dry contact card and the system control card.
- B. The ECM controls the bypass module to work properly, if one ECM is faulty, the UPS can still work in normal mode but cannot be manually switched to bypass mode.
- C. The ECM ensures equalized output currents between modules so that load power is equally shared.
- D. The ECM provides three types of CAN communication: monitoring CAN communication, intra-rack parallel CAN communication, and inter-rack parallel CAN communication.

**Answer: B**

**Question: 7**

Due to simple operations and easy interconnection, which of the following communication types is recommended for NetEco northbound integration?

- A. Webservice
- B. SNMP
- C. FTP
- D. PoE

**Answer: A**

**Question: 8**

Which of the following PH values meets the water quality requirements of NetCol8000-E220?

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- A. 3
  - B. 5
  - C. 7
  - D. 9

**Answer: C**

**Question: 9**

In the FusionModule2000, if a device port complies with the Modbus RTU protocol, which device is used to connect to smart ETH gateway?

- A. ETH converter
- B. Access actuator
- C. Skylight actuator
- D. AC actuator

**Answer: A**

**Question: 10**

In a project 32 NetCol8000-Cs need to be networked for teamwork. Each group consists of four air conditioners. How should the northbound RS485 grouping switches, namely, toggle switches 2 and 3 on the main control module, be set for the last air conditioner in each group?

- A. ON, ON
- B. ON, OFF
- C. OFF, ON
- D. OFF, OFF

**Answer: D**

**Question: 11**

Which of the following statements about the functions of the AC PDB is false?

- A. Supplies power to air conditioners.
- B. Supplies power to fans.
- C. Supplies power to the extinguishant control panel.
- D. Supplies power to sockets in the modules.

**Answer: D**

**Question: 12**

Which of the following position is recommended for installing the smart ETH gateway?

- A. Control skylight
  - B. Inside a network cabinet
  - C. At the inner side of a door header
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D. At the side of a cable trough

**Answer: B**

**Question: 13**

When installing a water-cooled module, what is the minimum distance between the module and the wall?

- A. 300 mm
- B. 400 mm
- C. 500 mm
- D. 600 mm

**Answer: D**

**Question: 14**

On the ECC800-Pro WebUI, which of the following is the first-level menu of the NMS Application?

- A. System Settings
- B. Maintenance
- C. Home
- D. Monitoring

**Answer: A**

**Question: 15**

The UPS5000-E-200K works in normal mode. If two ECMs are faulty, how does the UPS work?

- A. The UPS has no output.
- B. The UPS transfers to bypass mode.
- C. The LCD is off, but the UPS still works in normal mode.
- D. The UPS switches to battery mode.

**Answer: B**

**Question: 16**

If the battery charge current limit coefficient of the UPS5000-E is set to 0.1C10, which of the following statements about this parameter is true?

- A. The maximum battery charge current is 0.1C10.
  - B. The battery charge current is always 0.1C10.
  - C. The battery float charge current is 0.1C10.
  - D. The maximum battery charge current is 0.1C10.
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**Answer: A**

**Question: 17**

When the outdoor unit of a Huawei air-cooled air conditioner is installed horizontally, what is the minimum distance between the outdoor unit and the wall or obstacle?

- A. 100 mm
- B. 200 mm
- C. 300 mm
- D. 600 mm

**Answer: C**

**Question: 18**

Which of the following requires a cooling tower or drycooler?

- A. Direct ventilation air conditioning system.
- B. DX air cooled air conditioner.
- C. CW air cooled air conditioner.
- D. DX water cooled air conditioner.

**Answer: D**

**Question: 19**

Which of the following components does not support wireless networking?

- A. Access actuator
- B. AC actuator
- C. Aisle light
- D. Skylight actuator

**Answer: D**

**Question: 20**

Which of the following menus can be used by engineers to manually add devices on the NetEco?

- A. Data center planning
  - B. Report management
  - C. Alarm management
  - D. System management
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**Answer: D**

**Question: 21**

Which of the following statements about ECC800-Pro features are true?

- A. Supports multiple unlocking method including access card, password, fingerprint, and facial recognition.
- B. Supports the connection of eight access control devices and four cameras for a single smart module.
- C. Supports the cascading of a maximum of 4 ECC800-Pros.
- D. Supports wizard-based deployment and commissioning.

**Answer: A**

**Question: 22**

Which of the following devices can be powered by the PDU8000 integrated PDF in the FusionModule2000?

- A. indoor unit of an air-cooled precision air conditioner
- B. indoor unit of a water-cooled precision air conditioner
- C. IT load
- D. Chiller

**Answer: C**

**Question: 23**

Which of the following actions may be triggered after the high liquid level float of a Huawei chilled water precision air conditioner floats longer than the specified duration?

- A. The air conditioner shuts down.
- B. One water pump starts.
- C. A drainage exception alarm is generated.
- D. One water pump shuts down.

**Answer: C**

**Question: 24**

What are the benefits of PowerEcho for the NetEco?

- A. Web-based unified maintenance interface
  - B. Operation wizard
  - C. Quick fault locating
  - D. One-click health check
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**Answer: D**

**Question: 25**

When the UPS5000-E works in normal mode, in which condition will the UPS automatically transfer to bypass mode?

- A. Mains outage occurs.
- B. The power module is overloaded for a period longer than the specified time.
- C. Power module overtemperature occurs.
- D. Bypass module hardware is faulty.

**Answer: B**

**Question: 26**

Which of the following statements are true about the dry contact card of the integrated UPS?

- A. After the BCB port of dry contact card is connected, the BCB port can be used only if it is enabled on the monitoring software.
- B. The EPO port can be normally open or normally closed.
- C. The UPS dry contact card can be used to detect the switch status of the battery system.
- D. The dry contact card cannot detect the status of an external battery switch.

**Answer: C**

**Question: 27**

Three UPS5000-E-400Ks from a 2+1 parallel system. Which of the following statements about the parallel system are true?

- A. The parallel system capacity displayed on the LCD is 1200 kVA.
- B. The networking mode is set to one-to-multiple for one UPS, and set to one-to-one for the other two UPSs.
- C. If the load is 420 kW, each of two UPSs carries 210 kW load, and the other one is standby and does NOT carry load.
- D. If the load is 420 kW, each of the three UPSs carries 140kW load.

**Answer: D**

**Question: 28**

Which of the following methods can be used to open the access control for the FusionModule2000 smart module?

- A. Fingerprint

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- B. Card reader
  - C. Password
  - D. Facial recognition

**Answer: A**

**Question: 29**

Which of the following are components of NetCol8000-E220? (Choose three.)

- A. Indirect heat exchange system
- B. Mechanical auxiliary cooling system
- C. Spray system
- D. Electric control system

**Answer: A, C, D**

**Question: 30**

What are the application scenarios of lead-acid batteries in Huawei FusionModule2000 standard configuration?

- A. Battery pack
- B. Built-in battery cabinet
- C. External battery rack
- D. Battery box

**Answer: B**

**Question: 31**

Which features of Huawei integrated UPS can reduce the footprint?

- A. Intelligent alternating hibernation technology
- B. High power density design
- C. Hot swap
- D. Installation against a wall

**Answer: B**

**Question: 32**

Which of the following is a standard component in the FusionModule800 typical configuration?

- A. PAD
  - B. Video surveillance system
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- C. Intelligent lock
  - D. iBattery

**Answer: A**

**Question: 33**

When will the bypass module of Huawei integrated UPS to start to work?

- A. Both the active and standby ECMs are abnormal.
- B. The power module overload times out.
- C. The UPS works in ECO mode, and the bypass voltage is within the preset range.
- D. The UPS is just powered on and the inverter is not started.

**Answer: C**

**Question: 34**

The power system of a UPS2000-G-15K at a site is three-phase input and single-phase output. After installation, it is found that the mains and bypass inputs are three-phase, the output is single-phase, and the mains and bypass inputs share a power source. Which of the following statements are true about the UPS wiring mode?

- A. The wiring mode is incorrect, if the upstream mains input switch is turned on, the UPS will be short-circuited and damaged immediately.
- B. The wiring mode is correct. The UPS can start properly.
- C. The wiring mode is incorrect. The UPS cannot work in battery mode, but can still work in bypass mode or inverter mode.
- D. The wiring mode is incorrect. The correct wiring mode should be single-phase bypass input, three-phase mains input, and one power source.

**Answer: A**

**Question: 35**

During the installation of an air conditioner system, which of the following statements are correct about the draining impurities from the refrigerant pipe?

- A. Block one of the pipe ports.
  - B. Fill the pipe with high-pressure nitrogen.
  - C. Quickly remove the pipe plug, and avoid facing people to prevent injury.
  - D. To discharge nitrogen from the outdoor unit.
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**Answer: B**

**Question: 36**

In the FusionModule800 grounding solution, each cabinet is connected to the ground bar of the data center.

- A. True
- B. False

**Answer: A**

**Question: 37**

During filling refrigerant for NetCol5000-A, there is no need to put the refrigerant steel cylinder upside down on balance.

- A. True
- B. False

**Answer: B**

**Question: 38**

Smart ETH gateways cannot be cascaded.

- A. True
- B. False

**Answer: B**

**Question: 39**

The ECC800-Pro is the core component for FusionModule2000 local management. Southbound components can be using the PoE bus.

- A. True
- B. False

**Answer: A**

**Question: 40**

In the water-side free cooling solution, cold water cannot be transported directly from the cooling tower to

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chilled conditioner?

- A. True
- B. False

**Answer: A**

**Question: 41**

For FusionModule2000, depending on different layout position, batteries can be deployed in the smart module or out of the smart module.

- A. True
- C. False

**Answer: A**

**Question: 42**

After all historical alarms of the NetCol5000-A are deleted, the deletion operation is not logged.

- A. True
- D. False

**Answer: B**

**Question: 43**

The optional temperature and humidity sensor for the UP55000 cannot be cascaded.

- A. True
- B. False

**Answer: B**

**Question: 44**

If multiple SmartLi battery cabinets are combined, press and hold the POWER ON/OFF button on each battery management module for more than 2s, and then switch on the battery circuit breaker in any cabinet to start all battery cabinets.

- A. True
  - B. False
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**Answer: A**

**Question: 45**

To modify the FusionModule2000 plan view of the ECC800-Pro, users need to log in to the WebUI as admin account.

- A. True
- B. False

**Answer: A**

**Question: 46**

A data center is at the Tier IV level and uses Huawei FusionModule2000 smart module. In this smart module, the PDU8000 integrated PDF cannot be used to supply power to IT loads and precision air conditioners at the same time because isolation requirements are not met.

- A. True
- B. False

**Answer: B**

**Question: 47**

If the UPS5000-E is overloaded in normal mode, it transfers to bypass mode immediately. The bypass supplies power to loads to protect the UPS.

- A. True
- B. False

**Answer: B**

**Question: 48**

After the Power Echo is installed, the default user name is admin. The password is changed upon the first login. If the password is forgotten, it can be retrieved and reset through project verification.

- A. True
  - B. False
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**Answer: A**

**Question: 49**

In large-scale data centers such as financial securities centers and telecom hubs, UPSs with a capacity of 200 kVA or higher are usually used. For UPS5000-E-200k, 12 V battery packs are usually configured as backup power instead of battery racks.

- A. True
- B. False

**Answer: B**

**Question: 50**

In the FusionModule2000, the skylight actuator can control the rotating skylight in the aisle containment of the modular data center.

- A. True
- B. False

**Answer: A**

**Question: 51**

The UPS can generate large leakage currents. A circuit breaker equipped with a residual current device (RCD) is not recommended. If leakage protection is required, consider the leakage current of the UPS and downstream devices.

- A. True
- B. False

**Answer: A**

**Question: 52**

As the altitude increases, the air density decreases, and the heat exchange capability of the air in a unit volume decreases. In this case, NetCol8000-E220 works with derating.

- A. True
  - B. False
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**Answer: A**

**Question: 53**

When connecting chilled water pipes for the NetCol8000-C, fill water and preserve pressure 8 hours after the conversion adapter is connected.

- A. True
- B. False

**Answer: B**

**Question: 54**

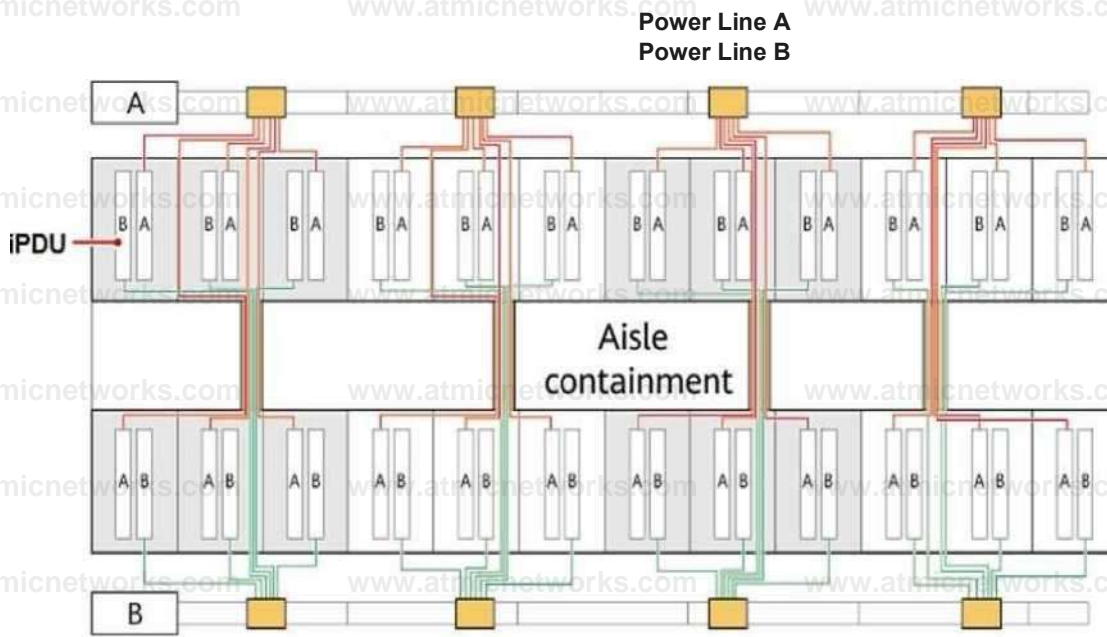
Commissioning NetCol5000-C drainage devices, after lifting the high float for 5 seconds, two water pumps start working, and the drain abnormal alarm is generated.

- A. True
- B. False

**Answer: A**

**Question: 55**

Refer to the exhibit.



- A. 2N deployment crossing rows
- B. 2N deployment without crossing rows
- C. N+1 deployment crossing rows
- D. N+1 deployment without crossing rows

**Answer: A**