

HCNP-Data Centre Facility H12-425-ENG

1. The camera coding can be obtained by ().

- A. IVS client
- B. ECC800
- C. Smart ETH socket
- D. WiFi converter

Answer: A

2. The straight pipe interval fixedly supported by NetCol5000-C piping is ().

- A. 3200mm
- B. 3000mm
- C. 2800mm
- D. 2500mm

Answer: D

3. After the UPS5000 is installed with ejector fan, you need to set the status of "Ejector Fan" as "Allow" in the menu. Otherwise, the ejector modules cannot be used normally.

- A. True
- B. False

Answer: A

4. Which of the following are the characteristics of Huawei NetCol5000-A row-level precision air conditioner cooling capacity adjustment?

- A. DC inverter compressor, which can 20%~100% infinitely adjust cooling capacity.
- B. Invariable frequency compressor, can't adjust cooling capacity infinitely.
- C. When the load is lower than 20%, the electric heating heat compensation is turned on, and the compressor is continuously operated without stopping.
- D. When the load is lower than 30%, the compressor starts and stops frequently, and the valve frequently actions and is easily stuck.

Answer: AC

5. When the single machine is working, after the function of power-off of the ups2000-g machine is prohibited, the PL port has no output when overload or battery power is low.

- A. True
- B. False

Answer: B

6. If the status of the access which collected by the network management is always open, it can be checked by (). (Multiple choice)

- A. Check if the door of access monitoring is closed
- B. Check if the access control actuator and the door magnetic lock wiring are normal.
- C. Check if the suction plate angle and tightness on the door are suitable
- D. Check AC actuator wiring

Answer: ABC

7. If the ECC800 is configured with a SIM card, the SIM card should be installed in ().

- A. ECC800 power module slot
- B. ECC800 main control module left slot
- C. Below the ECC800 antenna port
- D. USB interface

Answer: B

8. () indicates the amount of electricity that can be discharged when the fully charged battery is discharged to the specified termination voltage according to certain discharge conditions. The unit is expressed in Ah (Ah) or Watt (Wh).

- A. Actual capacity
- B. Rated capacity
- C. Maximum capacity
- D. Minimum capacity

Answer: A

9. By setting the mailbox parameters, the NetEco system will send an email to notify the user according to the set rules.

- A. True
- B. False

Answer: A

10. When installing the Huawei air-cooled air conditioner, the refrigerant pipeline positive pressure is required to be () hours.

- A. 8
- B. 12
- C. 24
- D. 36

Answer: C

11. If the customer load cannot be power-off, what should be taken care when closing the maintenance bypass switch? (Multiple choice)

- A. The maintenance bypass switch can also be closed in the inverter power supply mode.
- B. Turn off the inverter, let the UPS be in bypass power supply mode and then close the maintenance bypass switch.
- C. First perform EPO then close maintenance switch
- D. Close the maintenance switch first and then execute the EPO.

Answer: BD

12. After the NetCol5000-A25kW half-cabinet air-conditioning refrigerant pipeline is installed, do the nitrogen charge pressure maintaining, the nitrogen pressure is () Mpa.

- A. 0.8
- B. 2
- C. 2.5
- D. 3

Answer: D

13. The main reason for the energy-saving effect of the closed cold/hot passage is (). (Multiple choice)

- A. Isolating hot and cold air, avoiding the confusion of hot and cold air and improving the utilization of cold air.
- B. It can increase the air supply temperature of the air conditioner, thus reducing the energy consumption of the air conditioner.
- C. The closed heat channel can increase the return air temperature and improve the cooling efficiency.
- D. Reduce the humidification power consumption by increasing the supply air temperature and reducing the power consumption of humidification.

Answer: ABCD

14. When installing the power line on the UPS5000-E, if there are different sources on the main-lines and bypass, you need to remove the copper bars connected to the bypass and main lines first, and then connect the main circuit and bypass input respectively.

- A. True
- B. False

Answer: A

15. When the status of UPS2000G battery is "NA", it may be ().

- A. The battery is not connected
- B. Battery low voltage
- C. The battery is connected properly.
- D. Battery N line is not connected

Answer: A

16. Among the components of the UPS5000-E, () can be hot plug. (Multiple choice)

- A. Power module
- B. Bypass module
- C. Energy Control Sheet
- D. Dry joint card

Answer: ABCD

17. The functions provided by Huawei's monitoring system NetEco are: (multiple choice)

- A. Provide 2D, 3D data center view display
- B. Support modular level/cabinet level view display
- C. Support system power distribution view display
- D. Provide a view creation tool for quick configuration view

Answer: ABCD

18. The assembly unit that can realize RS485/CAN to FE interface conversion is ().

- A. Sunroof actuator
- B. WiFi converter
- C. Smart ETH socket
- D. ETH converter

Answer: D

19. The reason for using the EPO status interface in the parallel step of the UPS5000-E is ().

- A. Prevent electric shock and protect personal safety
- B. Power off the load to prevent damage to the load device
- C. Protect the battery from discharge
- D. Cut off the output and set the parallel parameters

Answer: D

20. The principle of the () humidifier is that the high-intensity infrared lamp causes the water surface to release water vapor and diffuse into the air stream that needs to be humidified.

- A. Electrode
- B. Wet film
- C. High pressure fogging
- D. Infrared

Answer: D

21. Unpredictable business, expansion and difficult investment is one of the challenges facing the development of traditional data center business.

- A. True
- B. False

Answer: A

22. In the process of disconnecting the battery pack switch, if there are multiple sets of batteries, first disconnect the main switch between the battery pack and the UPS, and then disconnect the switch of each battery pack.

- A. True
- B. False

Answer: A

23. The cycle life of the battery is direct proportional to the depth of discharge.

- A. True
- B. False

Answer: B

24. The following () parts can control the room lighting and control the Pad charging.

- A. Access control actuator
- B. Actuator
- C. Cabinet collector
- D. Smart ETH socket

Answer: B

25. The power indicator of the gas fire extinguishing controller is on and the alarm indicator is off indicating that the gas fire extinguishing controller is working properly.

- A. True
- B. False

Answer: A

26. To balance the capacity loss caused by the self-discharge of the battery during the use of the battery, it is necessary to charge the battery continuously and for a long time at constant voltage, which is called ().

- A. charging
- B. self-discharge
- C. balanced charging
- D. charging test

Answer: A

27. The report functions of NetEco has a variety of presentation forms, including visualization of bar charts, pie charts, graphs, etc.

- A. True
- B. False

Answer: A

28. The video can be viewed on NetEco only after the video camera is configured on the IVS.

- A. True
- B. False

Answer: A

29. The PDU8000 intelligent power meter parameter display is abnormal, which may be caused by (). (Multiple choice)

- A. Electricity or voltage ratio setting error
- B. The corresponding voltage collection line is abnormal.
- C. Corresponding current transformer failure
- D. Intelligent power meter failure

Answer: ABCD

30. NetCol5000-C temperature and humidity sensor dial setting is incorrect may result in ().

- A. Water leakage at the bottom of the equipment
- B. The return air temperature or fan speed fluctuates greatly
- C. Equipment drainage capacity is significantly reduced
- D. Temperature and humidity sensor cannot detect temperature and humidity

Answer: D

31. When the air conditioning outdoor of Huawei air-cooled air conditioner is installed horizontally, it is required to be \geq () mm from the wall or obstacle.

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

Answer: D

32. The height of the ECC800 collector is () U.

- A. 1
- B. 2
- C. 3
- D. 4

Answer: A

33. When connecting the refrigerant pipe, to prevent the pipe from being oxidized, it is necessary to introduce a small amount of nitrogen gas during welding.

- A. True
- B. False

Answer: A

34. The multi-function sensor in the Fusion Module2000 modular channel can be connected to the () component.

- A. Cabinet collector
- B. WFi converter
- C. Smart ETH socket
- D. Access control actuator

Answer: C

35. After the UPS5000-E system is installed, which of the following items need to be checked? (Multiple choice)

- A. if US and battery system mechanical installation is firm and stable
- B. if the cable layout considers other system wiring in the future.
- C. if the ground connection is reliable
- D. The positive and negative terminals of the battery are wired correctly.

Answer: ABCD

36. Which of the following factors affect battery life? (Multiple Choice)

- A. Temperature
- B. Number of cycles
- C. Depth of discharge
- D. Rated capacity

Answer: ABC

37. The UPS5000 option temperature and humidity sensor does not support cascading.

- A. True
- B. False

Answer: B

38. What does NetCol5000-A maintain the electrode humidifier without removing the humidifier?(Multiple choice) A. Check that the humidifying electrode is fully inserted into the humidifying barrel without exposure to the outer part. B. Check if the humidifier solenoid valve controls normally C. Confirm that there is no abnormality in water supply and drainage of the humidifier D. Check the manual drain of the humidifying bucket Answer : ABCD

39. The UPS5000-E accepts an input voltage of () V range. A. 305-485 B. 140-490 C. 120-480 D. 138-485 Answer : D

40. The communication option card of UPS2000G only has Modbus card and SNMP card. A. TRUE B. FALSE Answer : B

41. The refrigerant air cylinder of the Huawei air-cooled air conditioner does not need to be inverted on the electronic scale when charging the refrigerant. A. TRUE B. FALSE Answer : B

42. When the unit is working, the load of the UPS2000-G is connected to the PL, what condition will cause the load to be de-energized? (Multiple choice) A. Overload B. Battery low voltage C. Mains input interruption D. Mains low voltage Answer : AB

43. The ECC800 supports two AC inputs. A. TRUE B. FALSE Answer : A

44. When the Huawei air-cooled air-conditioning compressor is turned on for the first time, the crankcase heating belt needs to be warmed up for more than () hours. A. 2 B. 6 C. 12 D. 24 Answer : C

45. Two different versions of the software UPS2000-G can be implemented in parallel. A. TRUE B. FALSE Answer : B

46. When a fire occurs in the cabinet and the fire extinguishing device releases the extinguishing agent into the protection zone, what will display the words "Don't let in". A. Fire alarm bell B. Sound and light alarm C. Venting indicator D. Emergency light Answer : C

47. If the customer load cannot be de-energized, pay attention to () when disconnecting the maintenance bypass switch after the repair is completed. A. The road module has no abnormal alarm and can be powered. B. The maintenance bypass switch can also be disconnected when the bypass module is abnormal. C. EPO status can be broken maintenance switch D. Battery input is normal Answer : A

48. In the stable operation of the NeCol5000-A35kW air conditioner compressor, the oil level observed by the oil sight is regarded as qualified at the () position. A. 0~14 B. 1/4~1/2 C. 1/3~1 D. >1 Answer : C

49. UPS2000-G-(6-20kVA) battery is not connected and does not affect the normal power supply of the system, but the UPS loses the backup power supply capability.

A. True

B. False

Answer: A

50. NeCol5000-C nitrogen filling pressure value is (); holding time is ().

A. 1.0MPa; 24h

B. 1.0MPa; 12h

C. 0.8MPa; 24h

D. 0.8MPa; 12h

Answer: C

51. The NetCol5000-A air conditioning humidification function may be invalid because of (). (Multiple choice)

A. Low indoor temperature

B. Humidification barrel is damaged

C. Humidifier circuit breaker is not closed

D. The outdoor unit is not running

Answer: BCD

52. NeteCol can assign operational rights to user groups, or assign operational rights directly to users.

- A. True
- B. False

Answer: A

53. When the NeCol5000-A is under nitrogen pressure, the required nitrogen bottle must be equipped with a pressure reducing valve.

- A. True
- B. False

Answer: A

54. The following air conditioning systems need to be equipped with a cooling tower or dry cooler ().

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

Answer: D

55. Check that the load switch is in the "OFF" position before powering up the URS5000.

- A. True
- B. False

Answer: A

56. The alarm management functions supported by the ECC800 are (). (Multiple choice)

- A. View historical alarms
- B. Filtering alarms
- C. Alarm data export
- D. Alarm parameter setting

Answer: ABCD

57. The gas fire extinguishing device is a fire extinguishing device composed of (). (Multiple choice)

- A. Fire cylinder
- B. Pressure switch
- C. Sound and light alarm bell
- D. Solenoid valve

Answer: ABD

58. When the maintenance engineer arrives at the customer site, the working environment around the site should be recorded. The main collection items are (). (Multiple choice)

- A. Ventilation
- B. Ambient temperature
- C. Equipment installation distance
- D. If there is a bad environment around it (such as dust or moisture)

Answer: ABCD

59. () can realize the signal processing and centralized control of UPS5000-E.

- A. Energy Control Module ECM
- B. Power module
- C. Bypass module
- D. Maintenance bypass module

Answer: A

60. According to different layouts, the Fusion Module 2000 can realize battery entry or not.

- A. True
- B. False

Answer: A

61. The dry contact signal of the UPS5000-E does not support the remote emergency stop function.

- A. True
- B. False

Answer: B

62. The function of Counter irrigation protection card is when energy reversal occurs in the main road or bypass. The counter irrigation protection card sends a drive alarm signal, and the drive trip switch (customer self-configure) is disconnected, which acts as counter irrigation protection.

- A. True
- B. False

Answer: A

63. The rated voltage of the cell in the VRLA battery is ().

- A. 12V
- B. 6V
- C. 2V
- D. 1V

Answer: C

64. The NetCol5000C device is powered on and the reason why the fan does not turn may be ()

- A. The filter is dirty
- B. The machine power module is faulty or abnormal.
- C. Strong drainage system failure
- D. Condensate drainage is not smooth

Answer: B

65. The Netcol 5000-A35kW uses an electronic expansion valve.

- A. True
- B. False

Answer: B

66. The following () characteristics are standard features of the NetCol 8000-C air conditioner.

- A. Dual power supply
- B. Water immersion sensor
- C. G4 grade filter
- D. Humidification function

Answer: C

67. The user can modify the ECC800's IP address from the () menu of the ECC800 Web interface.

- A. Emblem module settings
- B. Video IP settings
- C. Time setting
- D. Monitoring module IP

Answer: D

68. The ECC800 does not support wireless communication.

- A. True
- B. False

Answer: B

69. Huawei NeCol5000-A row-level precision air conditioner eliminates local hot spots by means of near-end cooling.

- A. True
- B. False

Answer: A

70. To use the NetEco APP on PAD to query the PUE information of the current computer room, you need to click the () menu.

- A. Alarm
- B. Energy consumption
- C. Monitoring
- D. More

Answer: B

71. Neteco can't centrally and uniformly manage data center infrastructure across multiple geographies

- A. True
- B. False

Answer: B

72. In the battery model 6-GFM-150, 150 indicates the battery ().

- A. Actual capacity
- B. Rated capacity
- C. Maximum capacity
- D. Minimum capacity

Answer: B

73. The NetCol5000-A35kW air conditioner has a light load dehumidification function.

- A. True
- B. False

Answer: B

74. The following statement about the integration UP5000-E-120K-HASBS, which is wrong?

- A. Support smart battery management, adjustable battery sections
- B. Support the incoming line
- C. ATS does not support manual switching
- D. The energy statistics interface can display the energy of each output branch

Answer: C

75. When the internal short circuit of the battery occurs, the faulty battery charging voltage (), the open circuit voltage is low (generally less than 1V/cell).

- A. High
- B. No change
- C. Low
- D. all possible

Answer: C

76. The data center energy efficiency PUE is as small as possible, and the minimum can be close to zero.

- A. True
- B. False

Answer: B

77. ECC800 does not support alarm SMS notification, and remote maintenance cannot be implemented.

- A. True
- B. False

Answer: B

78. Data center siting needs to evaluate the following () factors. (Multiple choice)

- A. Physical and geographical conditions
- B. Supporting facilities
- C. Cost factors
- D. Building structure

Answer: ABCD

79. In NetEco "Video" function, you can enter () and other operations (Multiple choice)

- A. Create a camera
- B. Delete the camera
- C. Modify the camera
- D. Video live browsing

Answer: ABCD

80. The default password for the UPS2000-G-(6-20kVA) operator panel is ().

- A. Changer
- B. Changeme 123
- C. 000001
- D. neteco

Answer: C

81. () air supply method must have a reasonable raised floor height.

- A. Upper hood air supply
- B. Under the floor air supply
- C. Upper air duct air supply
- D. Row level horizontal air supply

Answer: B

82. DOD (depth of discharge) indicates the percentage of battery discharge and battery rated capacity.

- A. True
- B. False

Answer: A

83. The functions that the ECC800 can implement are (). (Multiple choice)

- A. Query system alarms
- B. Historical data export
- C. Access control user management
- D. Linkage rule settings

Answer: ABCD

84. The NetCol 8000-A100kW is dual-system and comes standard with a single indoor unit connected to an outdoor unit.

- A. True
- B. False

Answer: B

85. The UPS5000 seismic components are suitable for use in earthquake-prone areas and can effectively support cabinets in the event of an earthquake of 9 intensities and below to prevent the cabinet from tipping over.

- A. True
- B. False

Answer: A

86. There is no limit to the total length of the direct expansion air-cooled air-conditioning refrigerant pipe.

- A. True
- B. False

Answer: B

87. Closed hot and cold aisle systems increase cooling efficiency and reduce energy consumption.

- A. True
- B. False

Answer: A

88. When you create a camera in NetEco, you need to get () in addition to the IP address of the camera.

- A. Camera pixels
- B. Camera coding
- C. Camera installation location
- D. Camera brightness

Answer: B

89. If the UPS5000-E-400kVA is equipped with an IP21 component, the top outlet is not supported.

- A. True
- B. False

Answer: A

90. When the UPS5000-E shares the battery pack, the battery capacity parameter of each UPS is set to the total capacity of the entire battery pack.

- A. True
- B. False

Answer: A

91. Common monitoring software structures include B/S and C/S architectures.

- A. True
- B. False

Answer: A

92. The refrigerant air cylinder of Huawei air-cooled air conditioner does not need to be inverted on the electronic scale when charging the refrigerant.

- A. True
- B. False

Answer: B

93. In () setting interface, you can set the linkage rule of the multi-function sensor and the sunroof.

- A. PLC
- B. WiFi management
- C. Access control user management
- D. Version information

Answer: A

94. When the differential pressure switch of the air filter of the indoor unit is closed, it indicates that the filter is too dusty and should be disposed of in time.

- A. True
- B. False

Answer: A

95. You can view the camera's name, code, IP address, model, status and more in NetEco Video menu.

- A. True
- B. False

Answer: A

96. When inspecting, maintaining and repairing electrical equipment in non-blackout mode, a warning sign or signage should be placed on the electrical installation and work area.

- A. True
- B. False

Answer: A

97. When installing NetCol5000-A35kW, how many kg of refrigerant are generally pre-filled?

- A. 5
- B. 8
- C. 10
- D. 12

Answer: C

98. The operation noise of the NetCol5000-A air conditioning unit is abnormal. It should be checked whether the compressor, fan, pipeline, etc. are fixed normally and there is looseness.

- A. True
- B. False

Answer: A

99. The wheel patrol function is enabled to interchange the running machine and the standby machine, thereby increasing the average life.

- A. True
- B. False

Answer: A

100. The NetCol5000-C has two installation scenarios with a chilled water distribution unit and no chilled water distribution unit.

- A. True
- B. False

Answer: A

101. When a fire occurs in the cabinet, what is used to activate the gas fire extinguishing device on site?

- A. Emergency stop button / manual deflation button
- B. Fire cylinders
- C. Pressure switch
- D. Solenoid valve

Answer: A

102. When the UPS2000-G-(6-20kVA) is in ECO mode, the battery indicator and bypass indicator are on at the same time.

- A. True
- B. False

Answer: B

103. Which part of the data center design is currently affecting its PUE?

- A. Power supply and distribution system
- B. Refrigeration system
- C. Decoration system
- D. Building system

Answer: B

104. Deploying on demand and avoiding over-investment is the only advantage of a modular data center.

- A. True
- B. False

Answer: B

105. When the battery is discharged, the discharge voltage of a faulty battery drops rapidly, resulting in insufficient backup time for the entire battery. What should be done?

- A. Forced equalization, replacement of faulty battery
- B. No need to deal with
- C. scrapping the entire battery
- D. Performing a discharge

Answer: A

106. What are the reasons for the excessive noise of the NetCol5000-C fan? (multiple choice)

- A. The filter is dirty
- B. The fan outlet is dirty
- C. Loose fan installation
- D. Fan failure

Answer: ABCD

107. How many NetCol5000-C water-cooled line-class precision air conditioners can be supported by one NetCol520 chilled water distribution unit?

- A. 12
- B. 10
- C. 8
- D. 6

Answer: A

108. What can convert a PoE signal into a WiFi signal?

- A. AC actuator
- B. WFi converter
- C. VCN
- D. Skylight actuator

Answer: B

109. What can be detected by the optional battery inspection instrument? (Multiple choice)

- A. Frequency
- B. Voltage
- C. Internal resistance
- D. Battery case temperature

Answer: BCD

110. The access executor does not support access to the ECC800 in a wireless network.

- A. True
- B. False

Answer: B

111. Which interface is not on the smart ETH socket?

- A. PWR_IN power cascade interface
- B. PWR_OUT power cascade interface
- C. PoE
- D. AI/DI

Answer: D

112. Three sets of 9Ah battery packs are connected in parallel and connected to UPS2000-G-6kVA. What is the battery capacity set?

- A. 9Ah
- B. 18Ah
- C. 27Ah
- D. 32Ah

Answer: C

113. If the UPS5000-E-400K is bypassed and the maintenance bypass is closed, both the main power module and the bypass module stop working.

- A. True
- B. False

Answer: B

114. UPS2000-G-(6-20kVA) battery discharge time is significantly lower than the standard time may be caused by what? (Multiple choice)

- A. The battery is not full
- B. Battery capacity reduction
- C. Increased load
- D. No mains input

Answer: ABC

115. What is the correct statement about the description of UPS5000-E? (Multiple choice)

- A. Modular design
- B. The main input voltage range is 138V-485V
- C. The main input frequency range is 40-70HZ
- D. Support for the maximum number of parallel units is 2

Answer: ABC

116. In the air conditioning system, the pipe can maintain a positive pressure and the pipe can maintain a negative pressure.

- A. True
- B. False

Answer: B

117. How many kVA power modules does the UPS5000-S-400K use?

- A. 25
- B. 30
- C. 40
- D. 50

Answer: D

118. The NetCol5000-C air conditioner does not support the power module plug and play maintenance.

- A. True
- B. False

Answer: B

119. Huawei Fusion Module2000 monitoring system supports users on which to monitor the status of micro-modules? (Multiple choice)

- A. ECC 800Web interface
- B. NetEco web interface
- C. Mobile APP
- D. PAD APP

Answer: ABCD

120. In the NetCol5000-A air conditioner, if a large number of air bubbles are observed in the liquid crystal mirror, it indicates that the refrigerant system lacks refrigerant, and the refrigerant should be charged as needed.

- A. True
- B. False

Answer: A

121. The closer the PUE value of the data center is to 1, the better the energy efficiency level.

- A. True
- B. False

Answer: A

122. When a fire occurs in the FusionModule1000 box, the deflation indicator will show the words "Don't put in" to warn the site personnel not to enter the deflation zone.

- A. True
- B. False

Answer: A

123. In NetEco's report management, which types of periodic tasks are there? (Multiple choice)

- A. Times
- B. Daily
- C. Weekly
- D. Monthly report

Answer: ABCD

124. Which of the following is supported by the AI/DI port on the access control actuator?

- A. IC card reader
- B. Fingerprint reader
- C. Open the button
- D. Electronic magnetic lock

Answer: C

125. When the ECC800 detects that the connection signal to the device is interrupted, a communication interruption alarm is generated. What are the possible reasons? (Multiple choice)

- A. Power supply is not normal
- B. Cable connection is loose
- C. Poor cable contact
- D. Equipment failure

Answer: ABCD

126. During the use of the battery pack, the appearance is normal, but there is no current during charging, and the voltage drop is zero at the moment of discharge, and it cannot be discharged. What could be happened in the following?

- A. Breaking the battery pack
- B. Sulfation
- C. backward battery
- D. Battery leakage

Answer: A

126. During the use of the battery pack, the appearance is normal, but there is no current during charging, and the voltage drop is zero at the moment of discharge, and it cannot be discharged. What could be happened in the following?

- A. Breaking the battery pack
- B. Sulfation
- C. backward battery
- D. Battery leakage

Answer: A

127. When the UPS2000-G shuts down the stand-alone system, which one of the following needs to be operated?

- A. Continuously perform 2 "shutdown operations" on the machine
- B. Just perform a "shutdown operation" on the machine.
- C. Disconnect the input directly from the machine
- D. "Shutdown operation" for all UPS in the system

Answer: A

128. Before the UPS5000 is powered on, it is necessary to check that the UPS input switch, bypass switch, output switch, maintenance bypass switch, battery open) have all been placed in the "OFF" state.

- A. True
- B. False

Answer: A

129. In the water side natural cooling scheme, cooling water can be directly supplied from the cooling tower to the air conditioner to complete the cooling.

- A. True
- B. False

Answer: A

130. Can a sunroof actuator drive up to several sunroof electromagnetic locks at the same time?

- A. 2
- B. 4
- C. 6
- D. 8

Answer: C

131. Which of the following is the correct procedure for powering up the UPS5000?

- A. Close the main road and bypass input switch -> Inverter start -> Set parameters, check system status -> Close battery switch -> Open load
- B. Set parameters, check system status -> Close main and bypass input switch -> Inverter start -> Close battery switch -> Open load
- C. Close the main circuit and bypass input switch -> set parameters, check system status -> close battery switch -> inverter start -> open load
- D. Close the main road and bypass input switch -> set parameters, check system status -> inverter start -> close battery switch -> open load

Answer: D

132. The FusionModule1000B series solution can meet the Tier4 power supply requirements when using the 2N power supply and distribution system.

- A. True
- B. False

Answer: B

133. When the integrated UPS is wired, if the input phase sequence is wrong, the machine will not work.

- A. True
- B. False

Answer: A

134. When installing the UPS5000-E, there should be a certain distance between the back and the top to ensure ventilation and heat dissipation.

- A. True
- B. False

Answer: A

135. When installing the UPS battery, the installation tool does not need to be insulated because the load is not charged.

- A. True
- B. False

Answer: B

136. Which is not a routine maintenance item of the ECC800 power module?

- A. Check if the power indicator is normal.
- B. Check the ECC800 module fan
- C. Check if the power wiring is loose
- D. Create a micro-module plan view

Answer: D

137. What is the terminal voltage of the battery in the open state?

- A. Rated voltage
- B. Discharge voltage
- C. Open circuit voltage
- D. Actual voltage

Answer: C

138. The cabinet collector cannot be used for environmental data collection of IT cabinets.

- A. True
- B. False

Answer: B

139. Which humidifier is used by the NetCol 8000-A?

- A. Electrode humidifier
- B. Infrared humidifier
- C. Wet film humidifier
- D. High pressure micro-mist humidifier

Answer: B

140. Which of the following options is a natural cooling system?

- A. Direct ventilation air conditioning system
- B. Water-cooled cold air conditioning system
- C. Water-cooled cold water air conditioning system
- D. Air-cooled direct expansion air conditioning system

Answer: A

141. You can view the camera's name, code, IP address, model, status, and more in NetEco's Video menu.

- A. True
- B. False

Answer: A

142. Which of the following supports the UPS5000-E-400K-FM input line voltage? (Multiple choice)

- A. 220V
- B. 380V
- C. 400V
- D. 415V

Answer: BCD

143. In the installation scenario where the indoor unit is higher than the outdoor unit, the oil trap must be set.

- A. True
- B. False

Answer: B

144. The UPS2000-G-(6-20kVA) did not report a fault but the load was cut off due to a poor connection of the output cable.

- A. True
- B. False

Answer: A

145. In the FusionModule1000, all the fire-fighting cables of the open line are worn with metal hoses, and the pipe ends are protected by a wire sleeve to prevent damage to the fire-fighting cables when a fire occurs.

- A. True
- B. False

Answer: A

146. When the UPS5000-E is installed in parallel, it is not necessary to connect the UPS parallel lines of the parallel system into a loop.

- A. True
- B. False

Answer: B

147. The RH2288 server supports () power input.

- A. 1
- B. 2
- C. 3
- D. 4

Answer: B

148. The sleep of the UPS module is to turn off the inverter of some modules when the system load rate is low and stable, so that some modules go to sleep, and the remaining un-hibernated modules bear a larger load to solve the problem of the low efficiency when the system load is light.

- A. True
- B. False

Answer: A

149. The UPS2000-G cannot implement a shared battery pack.

- A. True
- B. False

Answer: B

150. The UPS5000-E accepts input voltage frequency in a range of () Hz.

- A. 40-70
- B. 45-70
- C. 50-60
- D. 55-65

Answer: A

151. The device accesses the ECC800 monitoring system through a smart ETH socket, using the () interface of the intelligent FTH socket.

- A. PoE
- B. FE
- C. RS485
- D. AI/DI

Answer: A

152. Huawei precision air conditioners support up to () air conditioners to form a group control.

- A. 8
- B. 16
- C. 32
- D. 48

Answer: C

153. The Fusion Module2000 is an outdoor prefabricated integrated data center solution.

- A. True
- B. False

Answer: B

154. The NetCol 8000-A compressor has a large amount of foam in the oil sight glass for a long time, indicating that the superheat is too large.

- A. True
- B. False

Answer: B

155. The NetCol5000-C requires manual adjustment of the water valve to a minimum when it is filled with water.

- A. True
- B. False

Answer: B

156. When the Huawei air-cooled air conditioner outdoor unit is installed horizontally, the distance between the two outdoor units is greater than or equal to () mm.

- A. 400
- B. 800
- C. 1200
- D. 2000

Answer: C

157. Which mode of air supply is suitable for data centers with high power density in a single cabinet.

- A. Upper hood
- B. Under the floor
- C. Upper air duct
- D. Row level

Answer: D

158. The sunroof actuator can control the flip sunroof of the modular data center closed channel.

- A. True
- B. False

Answer: A

159. When the UPS5000-E is equipped with an IP21 component, the ejector component can also be installed.

- A. True
- B. False

Answer: B

160. Which of the following is not part of the NetCol 5000-C30kW precision air conditioner.

- A. EC fan
- B. DC inverter compressor
- C. PID flow regulating valve
- D. DC fan high efficiency power supply module

Answer: B

161. Before the battery is installed, a single battery open circuit voltage is required: 12V battery is greater than or equal to 12.60V or 2V battery is greater than or equal to 2.10V. When it is found to be unqualified, the battery needs to be recharged.

- A. True
- B. False

Answer: A

162. In ECO mode, the UPS operates in the () state when the input is stable.

- A. Main road inverter
- B. Bypass
- C. Battery
- D. Maintenance bypass

Answer: B

163. When the UPS5000-E (), boot will automatically run the Quick Setup Wizard. (Multiple Choice)

- A. First boot
- B. Turn it off and then on.
- C. The device is turned on again after the factory settings are restored.
- D. Start after recovery failure

Answer: AC

164. When the NetCol5000-A indoor unit and the outdoor unit are not installed separately, the refrigerant line is ().

- A. Air
- B. Oxygen
- C. Nitrogen
- D. Refrigerant

Answer: C

165. When calculating the battery capacity, the battery discharge capacity coefficients of the different backup times are the same.

- A. True
- B. False

Answer: B

166. The function of the ATS input unit / MCCB input unit of the integrated UPS is ().

- A. Provide branch output for direct supply from the mains
- B. Provide dual or single input to the cabinet
- C. Provide branch output of UPS direct supply
- D. Monitor the running status

Answer: B

167. When the UPS5000 series multi-rack networking is parallel, the host should be set to ().

- A. One to many
- B. One to one
- C. Many to one
- D. No need to set

Answer: A

168. In the process of using the battery, in order to reduce the deterioration of the voltage imbalance between the batteries, it is necessary to increase the charging voltage of the battery pack, and to activate and charge the battery to extend the battery life, which is called ().

- A. Floating charge
- B. Self-discharge
- C. Balanced charging
- D. Charging test

Answer: C

169. NetEco does not support sending reports to customers by email.

- A. True
- B. False

Answer: B

170. ECC800 does not support historical data export.

- A. True
- B. False

Answer: B

171. To modify the plane view of the ECC800 micromodule, need to log in to the Web to operate with administrator privileges.

- A. True
- B. False

Answer: A

172. On the panel of the air conditioning unit, in the group control topology diagram, the difference between this machine and other machines is that there is a green border.

- A. True
- B. False

Answer: A

173. In the Huawei NetCol5000-A line-class precision air conditioner, the () parts are optional.

- A. Fan
- B. Evaporator
- C. Compressor
- D. Electric heating

Answer: D

174. NetEco's access control management function cannot modify the door name.

- A. True
- B. False

Answer: B

175. In order to implement the alarm event remote notification function on NetEco, which of the following tasks need to be set? (Multiple choice)

- A. Set the notification content template
- B. Set the notification server
- C. Set user groups
- D. Set remote notification rules

Answer: ABCD

176. When four UPS2000G-20K parallel units are set and the number of redundant units in the parallel setting is set to "1", the capacity of the system is () KVA.

- A. 80
- B. 40
- C. 60
- D. 100

Answer: C

177. Which of the following air conditioning systems need to be equipped with a cooling tower or dry cooler?

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

Answer: D

178. You cannot search for an alarm by setting a filter condition on NetEco's Current Alarms page.

- A. True
- B. False

Answer: B

179. For storage batteries that have been stored for 18 months or longer, the battery that has not been recharged should be processed ().

- A. No need to deal with, use as soon as possible
- B. Need to supplement the electricity treatment, use as soon as possible
- C. Need activation treatment, use as soon as possible
- D. Disposal

Answer: D

180. Which of the following components do not support wireless networking?

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

Answer: C

181. When the NetCol5000-A removes the air conditioning humidifier, the steps to maintain the electrode humidifier include (). (Multiple choice)

- A. Disconnect the water supply valve and drain valve wiring
- B. Remove the drain tank and drain valve component
- C. Remove and clean the water supply valve
- D. Replace the hardened and brittle hose thoroughly flush the drain

Answer: ABCD

182. It is necessary to remove the fixed sheet metal parts of the compressor before installing the indoor unit in the air-cooled air conditioner.

- A. True
- B. False

Answer: A

183. What are the access control type of the micro module? (Multiple Choice)

- A. Fingerprint password swipe access control machine
- B. Fingerprint swipe access control machine
- C. Password swipe access control machine
- D. Face recognition access control

Answer: ABC

184. On the NetEco interface, a modular can only bind () ECC800 devices.

- A. 1
- B. 2
- C. 3
- D. 4

Answer: A

185. In the "Video" function of NetEco, you can perform operations such as (). (Multiple Choice)

- A. Create a camera
- B. Delete the camera
- C. Modify the camera
- D. Video live browsing

Answer: ABCD

186. In the naming of UPS5000-E-120K-HASBS, the letter E stands for ().

- A. 208V voltage system
- B. E series modular UPS
- C. Input switch type is ATS
- D. Input switch type is MCCB

Answer: B

187. FusionModule1000 is an indoor intelligent micro-module data center solution.

- A. True
- B. False

Answer: B

188. The NetCol5000-A35kW indoor unit installation needs to be connected to the zero line.

- A. True
- B. False

Answer: B

189. The EPO status interface of the UPS5000-E can select a normally open or normally closed interface according to actual use.

- A. True
- B. False

Answer: A

190. NetCol5000-A air conditioner compressor exhaust temperature is too high, what are the reasons? (Multiple Choice)

- A. The refrigerant circuit or device is clogged
- B. The outdoor unit is not installed correctly.
- C. condenser filth blockage leads to poor heat dissipation
- D. Too little refrigerant charge

Answer: ABCD

191. When ATS is in the automatic mode, the manual operating handle must be removed.

- A. True
- B. False

Answer: A

192. Smart ETH sockets support up to () cascading.

- A. 8
- B. 16
- C. 32
- D. 64

Answer: C

193. The NetEco system can customize the alarm sound for different levels of alarms.

- A. TRUE
- B. FALSE

Answer: T

194. The UPS5000-E can press the battery cold start button on the bypass module without the main bypass input to start the inverter, and the system will automatically enter the battery inverter mode.

- A. TRUE
- B. FALSE

Answer: T

195. In the case of normal mains, the UPS battery in inverter mode may be executed (). (Multiple choice)

- A. Float charging
- B. Checking the capacity test
- C. Balanced charging
- D. Shallow discharge test

Answer: ABCD

196. What is the control component of the modular data center closed access door?

- A. Access control actuator
- B. Multi-function sensor
- C. sunroof actuator
- D. Cabinet collector

Answer: A

197. After the NetCol5000-C is set to the hot backup function, no backup machine is running, and a single unit adjusts the water valve opening according to the detected actual temperature to respond to the demand.

- A. TRUE
- B. FALSE

Answer: T

198. The alarms of all devices can be displayed on the NetEco, but the corresponding alarm automatic formation work orders cannot be sent to the processor.

- A. TRUE
- B. FALSE

Answer: F

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199. The rated capacity of the battery: also called the nominal capacity, according to the national standard or line standard requirements, is the lowest capacity value that should be released.

- A. TRUE
- B. FALSE

Answer: T

200. NetEco mobile app supports WiFi with a maximum effective distance of () meters.

- A. 20
- B. 30
- C. 40
- D. 50

Answer: D

201 . Which of the following is not the reason why the NetCol 8000-A infrared humidifier water tray is not filled with water?

- A. The water injection pipe is blocked
- B. Infrared lamp damage
- C. The water pressure is abnormal
- D. Inlet line valve is not open

Answer: B

202 . Cold/hot channel enclosure is an energy-saving technology used to solve data center cooling problems.

- A. TRUE
- B. FALSE

Answer: T

203 . Direct Ventilation Natural Cooling Solution in the direct ventilation mode, the compressor of the air conditioner stops working, mainly because the fan replaces the outdoor cold air with the indoor hot air, so the PUE is very low.

- A. TRUE
- B. FALSE

Answer: T

204 . What does NetEco basic features include? (Multiple choice)

- A. Video management
- B. Report Management
- C. Access control management
- D. User Management

Answer: ABCD

205 . ECC800 is the core component of the micro-module local management, and its south-facing components can be extended through the PoE bus.

- A. TRUE
- B. FALSE

Answer: T

206 . After the air conditioner is commissioned, the indoor temperature is in a reasonable state, and the suction pressure is not lower than ().

- A. 7MPa
- B. 6Mpa
- C. 5MPa
- D. 0.7MPa

Answer: D

207 . What does the gas fire extinguishing system startup principle include? (Multiple choice)

- A. Automatic start
- B. Emergency start
- C. Safe start
- D. Manual start

Answer: ABD

208 . ECC800 default management authority user name is admin, admin has all the rights to operate the web interface function.

- A. TRUE
- B. FALSE

Answer: T

209 . Which of the following technology or scheme can effectively reduce the PUE? (Multiple choice)

- A. Increase battery capacity
- B. Efficient modular UPS
- C. Closed cold/hot passage
- D. Precise air supply

Answer: BCD

210 . UPS2000-A-(1-3kVA) closes the mains input switch and directly enters the bypass working state.

- A. TRUE
- B. FALSE

Answer: F

211 . When the FusionModule1000 fire protection system is adjusted, the smoke detector can be heated to simulate the fire alarm of the temperature sensor.

- A. TRUE
- B. FALSE

Answer: F

212. The technical essentials for the pumping action of the pipeline are: the degree of vacuum is not greater than () Pa (absolute pressure).

- A. 90
- B. 80
- C. 70
- D. 60

Answer: D

213. At present, the industry PUE value can be optimally achieved ().

- A. 1.06
- B. 2
- C. 0.5
- D. -0.5

Answer: A

214. BCB-BOX is a UPS5000-E option for connection control between battery pack and UPS system. It has overload, short circuit protection and remote management trip function.

- A. TRUE
- B. FALSE

Answer: T

215. When there are multiple computer rooms and are monitored at the same time, it is possible to generate a hierarchical deployment of the monitoring system.

- A. TRUE
- B. FALSE

Answer: T

216. Which web interface can the user log in to view the running status of the device in the micromodule?

- A. Water immersion sensor
- B. ECC800
- C. Cabinet electronic lock
- D. Sound and light alarm

Answer: B

217. When the NetCol5000-C commissions the drainage device, lift the high floater by hand for 5 seconds. At this time, the dual water pump is turned on at the same time, and the "discharge abnormality alarm" appears.

- A. TRUE
- B. FALSE

Answer: T

219. What may NetCol 5000-C insulation cotton damage result in?

- A. Fan noise is too loud
- B. The drainage capacity of the equipment is significantly reduced
- C. Pipeline condensation
- D. Fan blocked

Answer: C

220. When the NetCol5000-A air conditioner was commissioned, Which statement about the possible cause of the "exhaust high pressure alarm" was wrong?

- A. Outdoor fan cannot start
- B. Outdoor unit fan speed is too low
- C. Excessive refrigerant charge
- D. Too little refrigerant charge

Answer: D

221. When the UPS is parallel, it is necessary to check the input phase sequence of each UPS main bypass, but the output phase sequence is not required.

- A. TRUE
- B. FALSE

Answer: F

222. Users can monitor the status of devices such as UPS and air conditioner on the ECC800.

- A. TRUE
- B. FALSE

Answer: T

223. When installing the power line on the UPS5000-E, if there are different sources on the main side, you need to remove the copper bars connected to the bypass and the main circuit, and then connect the main circuit and the bypass input respectively.

- A. TRUE
- B. FALSE

Answer: T

224. Where is the recommended installation location for the Smart ETH socket?

- A. Control skylight
- B. Inside the network cabinet
- C. Inside the threshold
- D. Side of the cable trough on the top of the cabinet

Answer: D

225. Through the ECC800Web interface, what can users do? (Multiple choice)

- A. Real-time monitoring of device status
- B. Query version information
- C. Export historical data
- D. Software upgrade

Answer: ABCD

226. Huawei NetCol5000-A line-level precision air conditioner mainly solves the hot issue of high-density data center.
- A. TRUE
 - B. FALSE

Answer: T

227. In general, the air supply distance of the air duct is shorter than that of the hood air supply.
- A. TRUE
 - B. FALSE

Answer: F

228. The default battery charge voltage of the UPS2000-G is () V/cell.
- A. 2.25
 - B. 2.35
 - C. 2.45
 - D. 2.15

Answer: B

229. When the temperature detector or smoke detector in the FusionModule1000 generates an alarm, () emits a continuous beeping sound to remind you to take measures as soon as possible to avoid a major accident. (Multiple choice)
- A. Buzzer
 - B. Smoke detector
 - C. Temperature detector
 - D. Sound and light alarm

Answer: ABD

230. The scenario is complex, and the difficulty of creating a new site is the only challenge facing the development of traditional data center services.
- A. TRUE
 - B. FALSE

Answer: F

231. When the battery is out of control, what is the main cause of deformation and bulging due to the internal pressure becomes larger?
- A. Electrolyte leakage
 - B. More electrolyte
 - C. Gas precipitation
 - D. Plate gasification

Answer: C

232. The reasonable exhaust pressure range of NetCol5000-A is () Mpa. (Multiple choice)

- A. 1.5~2.5 (below 15°)
- B. 1.5 ~3.1 (15~35°)
- C. 2.5~3.8 (35~45°)
- D. 3.1~4.15 (above 45°)

Answer: ABCD

233. Domains can be created in NetEco, such as campuses, buildings, machine rooms, containers, etc.

- A. TRUE
- B. FALSE

Answer: T

234. When the device interface uses the Modbus-RTU protocol, what needs to be installed when accessing the ECC800?

- A. ETH converter
- B. Access control actuator
- C. sunroof actuator
- D. AC actuator

Answer: A

235. The 2.4G antenna on the ECC800 should be installed in ().

- A. RF_ZA line interface
- B. 3G/4G antenna interface
- C. RS485 port
- D. DO output dry contact

Answer: A

236. What are the working mode of the runner natural cooling scheme? (Multiple choice)

- A. Complete compressor cooling mode
- B. Direct ventilation mode
- C. Mixed mode
- D. Complete natural cooling mode

Answer: ACD

237. The same group of batteries cannot be mixed with batteries of different capacities, different specifications, different batches, and different manufacturers.

- A. TRUE
- B. FALSE

Answer: T

