HCNA-DC Facility H12-411-ENG

1. How many power modules at most can be inserted in ECC800 collector of Huawei monitoring system?
- ☐ A. 1
- ☐ B. 2
- ☐ C. 3
- ☐ D. 4

Answer：B

2 . What is used to indicate the severity of the corresponding fault in dynamic environment monitoring system?
- ☐ A. Alarm time
- ☐ B. Alarm name
- ☐ C. Alarm level
- ☐ D. Alarm source

Answer：C

3 . ATS Dual Power Automatic Transfer Switch can achieve the switching of two-way power's fast loading machine.
- ☐ A. True
- ☐ B. False

Answer：A

4 . In the access control system interface, the fuctions can be achieved are (). (Multiple Choice)
- ☐ A. Show the switch status of the door
- ☐ B. Users added
- ☐ C. Authority allocation
- ☐ D. View access records

Answer：ABCD

5 . Which of the following belongs to air-cooled line air conditioning?
- ☐ A. NetCol5000-C
- ☐ B. NetCol5000-A
- ☐ C. NetCol8000-C
- ☐ D. NetCol8000-A

Answer：B

6 . According to the principle of tripping, the MCB circuit breaker can be divided into () and (). (Multiple Choice)
- ☐ A. Thermal trip
- ☐ B. Cold trip
- ☐ C. Magnetic trip
- ☐ D. Short circuit

Answer：AC

7 . Alarms of the dynamic environment monitoring system usually have different levels.
☐ A. True
☐ B. False

Answer：A

8 . Dynamic environment monitoring system only has secondary architecture.
☐ A. True
☐ B. False

Answer：B

9 . Air energy efficiency ratio is the ratio of effective input power and cooling capacity, its value will be shown as W/W.
☐ A. True
☐ B. False

Answer：B

10 . Huawei monitoring system NetEco supports to send the alarm message to users through (). (Multiple Choice)
☐ A. Mail
☐ B. SMS
☐ C. Telephone
☐ D. Fax

Answer：AB

11 . The humidifier that Huawei row-level precision air conditioner uses is the infrared humidifier.
☐ A. True
☐ B. False

Answer：B

12 . MCB circuit breaker can be divided into B, C, D, Z, K class according to different tripping characteristics. For IT loads, the () level tripping characteristics should be used.
☐ A. B
☐ B. C
☐ C. D
☐ D. Z

Answer：B

13 . The core components of the refrigeration system include (). (Multiple Choice)
☐ A. Evaporator
☐ B. Condenser
☐ C. Compressor
☐ D. Expansion valve

Answer：ABCD

14 . In dynamic environment monitoring system, checking alarm detailed information can help to locate the alarm source.
☐ A. True
☐ B. False

Answer：A

15 . Data center usually uses the gas fire system.
☐ A. True
☐ B. False

Answer：A

16 . Which of the following belongs to the indirect-contact heat and humidity treatment equipment? (Multiple Choice)
☐ A. Cooling coil
☐ B. Coil air heater
☐ C. Electrode humidifier
☐ D. Evaporator

Answer：ABD

17 . The parameters that can reflect the energy efficiency state and power usage effectivenes of the data center are ().
☐ A. COP
☐ B. PUE
☐ C. IP
☐ D. OPEX

Answer：B

18 .The main role of () is electricity distribution, in accordance with the requirements, standards and norms, assigns the forestage electric energy to various types of electrical equipments, such as UPS, air conditioners, lighting equipment and so on.
☐ A. High voltage power distribution system
☐ B. Medium voltage power distribution system
☐ C. Low voltage power distribution system
☐ D. DC power distribution system

Answer：C

19 . Cooling coil controls the indoor temperature and humidity via a heat exchange with refrigerant and indoor air.
☐ A. True
☐ B. False

Answer：B

20 . The end of lead-acid battery discharge, the voltage drop, positive and negative active materials transform into ().
☐ A. PbO
☐ B. Pb
☐ C. H2SO4
☐ D. PbSO4

Answer：D

21 . For the unsaturated air, the relationship of size among the dry bulb temperature, wet bulb temperature and dew point temperature is ().
☐ A. Dry bulb temperature> Dew point temperature> Wet bulb temperature
☐ B. Dry bulb temperature> wet bulb temperature> dew point temperature
☐ C. Wet bulb temperature> dew point temperature> dry bulb temperature
☐ D. wet bulb temperature> dry bulb temperature> dew point temperature

Answer：B

22 . The features of UPS are (). (Multiple Choice) A. steady voltage B. Steady frequency C. Anti-voltage surge D. continue to supply power to the load when there is no utility power Answer: ABCD
☐ A.select this to commit

Answer：A

23 . Air conditioning has three major indicators; the three major indicators refer to (). (Multiple Choice)
☐ A. Temperature
☐ B. Humidity
☐ C. Cleanliness
☐ D. Dryness

Answer：ABC

24 . According to different categories by electrolyte, the batteries can be divided into () and (). (Multiple Choice)
☐ A. lead acid batteries
☐ B. alkaline batteries
☐ C. lean liquid battery
☐ D. flooded battery

Answer：AB

25 . Which of the following outdoor modles belongs to double fan?
☐ A. NetCol500-A032
☐ B. NetCol500-A072
☐ C. NetCol500-A038
☐ D. NetCol500-A026

Answer：B

26 . When the load is 60KW, the capacity of each UPs is 100KVA, the power factor is 0.95, when the system must be redundancy configuration, how many UPS does it need at least?
☐ A. 2
☐ B. 3
☐ C. 4
☐ D. 5

Answer：A

27 . UPS can clean electricity input, output stable exchange, to protect the load.
☐ A. True
☐ B. False

Answer：A

28 . According to the battery, different electrolyte storage can be divided into ( ) and ( ). (Multiple choice)
☐ A. GEL
☐ B. GFM
☐ C. VRLA
☐ D. AGM

Answer：AD

29 . Under certain conditions of atmospheric pressure and water vapor content, to cool the air, when the air reaches saturation, cooling will continue to condense when the temperature is ().
☐ A. Dry bulb temperature
☐ B. Wet bulb temperature
☐ C. Dew point temperature
☐ D. Absolute temperature

Answer：C

30 . Huawei monitoring system NetEco only can access to the equipment supported SNMP protocol.
☐ A. True
☐ B. False

Answer：B

31 . The basic principle of runner dehumidifier is that the water vapor runs into cooling copper tube fins forming water droplets and dehumidification.
☐ A. True
☐ B. False

Answer：B

32 . UPS common system configuration are N system, N + X system and 2N system.
☐ A. True
☐ B. False

Answer：A

33 . Which of the following description about sending back to send air is correct?
☐ A. The air outlet is located in the upper part of the air-conditioned room and the air return is located in the lower part of the air-conditioned room
☐ B. Air flow from the central outlet sent through the work area and then discharged from the lower air outlet
☐ C. Air flow from the upper outlet sent out into the work area and then discharged from the upper air outlet to form on the back to send the air flow organization
☐ D. No need to control the entire space as a control object, only the air conditioning area located in the lower part of the room to control

Answer：A

34 . The smaller the PUE value of a data center room, the greater the power consumed by the data center infrastructure such as cooling and power supply.
☐ A. True
☐ B. False

Answer：B

35 . Which of the following is the correct indication of a fixed valve-regulated lead-acid batteries with 2V single cell, rated capacity of 800Ah?
☐ A. 1-GFM-800
☐ B. 800-GFM-1
☐ C. 800-GMF-1
☐ D. GFM-800

Answer：D

36 . What types does Dual power switch ATS switch according to the different type of switches can be divided into? (Multiple choice)
☐ A. Standard switch
☐ B. Delay switch
☐ C. Instantaneous switch
☐ D. Closed switch

Answer：ABD

37 . Huawei's monitoring system NetEco can only manage the infrastructure of a single data center and can not centrally manage multiple data center infrastructures managed by different regions.
☐ A. True
☐ B. False

Answer：B

38 . （） Which of the following start then the alarm emits a strong sound and light alarm signal to remind the scene of the purpose of attention?
☐ A. temperature detector
☐ B. VESDA
☐ C. Smoke detector
☐ D. sound and light alarm

Answer：D

39 . Huawei NetEco can not provide SNMP (Simple Network Management Protocol) to third-party NMSs.
☐ A. True
☐ B. False

Answer：B

40 . How much V is the contact voltage limit (equivalent to the safety voltage) prescribed by the International Electrotechnical Commission (IEC)? And provides 25V following do not need to consider the safety measures to prevent electric shock.
☐ A. 30
☐ B. 90
☐ C. 50
☐ D. 220

Answer：C

41 . RS485 interface only supports two-wire system, does not support four-wire system.
☐ A. True
☐ B. False

Answer：B

42 . For valve-regulated lead-acid batteries, what are the role of safety valve? (Multiple choice)
☐ A. Exhaust excess gas
☐ B. prevent air from entering
☐ C. Conductive
☐ D. Participate in chemical reactions

Answer：AB

43 . There are three different categories of earthing (TN, TT and IT) in low voltage distribution systems. What does the first letters represent?

☐ A. Indicates the relationship of the power system to the exposed conductive parts of the power receiving system
☐ B. Indicates the power system on the ground
☐ C. Indicates the relationship between neutral N and protective earth PE
☐ D. Indicates power receiving system exposed conductive parts and the relationship between the ground

Answer：B

44 . What should be used during construction when low-voltage live working(below 1kV)? (Multiple choice)

☐ A. Insulating shoes
☐ B. Helmets
☐ C. Insulation gloves
☐ D. Insulation service

Answer：ACD

45 . During the construction process, what should the nitrogen bottle operation be equipped with specially? (Multiple choice)

☐ A. Check valve
☐ B. Nitrogen valve
☐ C. Goggles
☐ D. Antifreeze gloves

Answer：BCD

46 . R410a refrigerant can cause greenhouse effect and destroy ozone layer.

☐ A. True
☐ B. False

Answer：B

47 . The PLF (Power Load Factor) is defined as the ratio of the data center power consumption of the power distribution system to the power consumption of the IT equipment.

☐ A. True
☐ B. False

Answer：A

48 . Compared with the comfort air conditioning, what are the advantages of the equipment room dedicated air conditioning?

☐ A. big air volume, little enthalpy difference
☐ B. high sensible heat ratio
☐ C. more accurate temperature and humidity control
☐ D. the year refrigeration

Answer：ABCD

49 . Dynamic environment monitoring system can be deployed in medium and large modular data center, small modular data center, container data center.
☐ A. True
☐ B. False

Answer：A

50 . Under what circumstances UPS will work in static bypass mode?
☐ A. No electricity input
☐ B. Mains voltage fluctuations too much
☐ C. Inverter fault
☐ D. The battery is damaged

Answer：C

51 . UPS front-end input can be two-way mains, a master and a backup. Also could be all the way electricity, all the way to the oil machine input.
☐ A. True
☐ B. False

Answer：A

52 . ACB circuit breakers are mainly used for IT load front-end, such as UPS output cabinet.
☐ A. True
☐ B. False

Answer：B

53 . A UPS capacity is 200KVA with output power factor is 0.9, then how much load does it can drive up?
☐ A. 180kw
☐ B. 190kw
☐ C. 200kw
☐ D. 222kw

Answer：A

54 . In a data center use fire water and foam extinguishing system will not cause damage to communications equipment.
☐ A. True
☐ B. False

Answer：B

55 . Which of the following is not part of the chilled water air conditioner?
☐ A. Exhaust valve
☐ B. Condenser
☐ C. Table cooler
☐ D. Fan

Answer：B

56 . Leakage current protection device is based on the current exceeds the specified value for a period of time with its own heat to melt the melt so that the circuit is disconnected.
☐ A. True
☐ B. False

Answer：B

57 . Lead batteries are generally connected in series after the first parallel connection.
☐ A. True
☐ B. False

Answer：A

58 . （） Which of the following can be used as a side outlet can also be used as a lower outlet?
☐ A. double louver tuyere
☐ B. Under the type of diffuser
☐ C. Ventilated floor
☐ D. Spout

Answer：A

59 . Huawei chilled water air conditioner rely on which to adjust the water flow?
☐ A. Flow switch
☐ B. electric two-way valve
☐ C. Butterfly valve
☐ D. Globe valve

Answer：B

60 . What function does Dynamic environment monitoring system can display the real-time status of the device?
☐ A. User Management
☐ B. Real-time signal
☐ C. Asset Management
☐ D. Work Order Management

Answer：B

61 . What kind of refrigerant does Huawei precision air conditioner use?
☐ A. R22
☐ B. R410A
☐ C. R407C
☐ D. R13

Answer：B

62 . Generally there are two kinds for VAV ventilation, one is through the adjustable air valve, the other is a dedicated ventilation floor plus adjustable fan composition.
☐ A. True
☐ B. False

Answer：A

63 . TN-S low-voltage distribution system in the three-phase unbalanced current, so that the protection line PE generate voltage to ground.
☐ A. True
☐ B. False

Answer：B

64 . The following statement which is correct? (Multiple choice)
☐ A. A NetEco network management system can only monitor and manage one micro module.
☐ B. A NetEco network management system can monitor and manage multiple micro modules.
☐ C. One ECC800 can correspond to multiple NetEco monitoring systems.
☐ D. A NetEco monitoring system can correspond to multiple ECC800.

Answer：BD

65 . The main features of MCB circuit breakers include shutoff protection and overload protection.
☐ A. True
☐ B. False

Answer：A

66 . In the UPS system, the most comprehensive description of the role of the inverter circuit is?
☐ A. Convert AC to DC
☐ B. The battery voltage is converted to AC voltage
☐ C. Convert the rectified DC voltage into AC voltage
☐ D. Convert the rectified DC voltage or battery voltage into AC voltage

Answer：D

67 . Protective grounding: grounding refers to the direct connection with the earth, electrical installations or electrical parts of the live part of a point connected with the earth, electrical installations or other devices are not charged part of the normal point of the earth and man-made connection.

☐ A. True
☐ B. False

Answer：A

68 . The dynamic environment monitoring system focuses on data center infrastructure management and supports the monitoring of power supply and distribution equipment, refrigeration equipment, environmental equipment and security equipment in the data center.

☐ A. True
☐ B. False

Answer：A

69 . The function of the fire protection system is automatically capture the smoke or heat when a fire occurs in the fire detection area, thereby giving an audible and visual alarm and controlling automatic fire extinguishing.

☐ A. True
☐ B. False

Answer：A

70 . Under the same load conditions, the backup time of the UPS is mainly determined by the battery capacity and the number of battery sections. The larger the battery capacity is, the longer the backup time is.

☐ A. True
☐ B. False

Answer：A

71 . MCB circuit breaker C-level trip setting value between (), used in IT load situations.

☐ A. 2-3In
☐ B. 3-5In
☐ C. 5-10In
☐ D. 8-15In

Answer：B

72 . In dynamic environment monitoring system alarm management functions can be achieved ( ). (Multiple choice)

☐ A. Positioning alarm
☐ B. Query alarm
☐ C. software upgrade
☐ D. Asset Management

Answer：AB

73 . In battery construction, the ( ) component functions can discharge excess gas.
☐ A. battery slot
☐ B. Pole
☐ C. safety valve
☐ D. Electrolyte

Answer：C

74 . Huawei NetEco monitoring system must not support the monitoring of third-party devices.
☐ A. True
☐ B. False

Answer：B

75 . Which of the following options do not qualify as direct expansion air-cooled air conditioners?
☐ A. Simple structure, easy installation, low cost
☐ B. Refrigeration energy efficiency is relatively low
☐ C. Installation distance is unlimited
☐ D. can not be installed over long distances, or large loss of refrigeration

Answer：C

76 . Huawei NetEco supports the concept of user groups to implement role-based user group management. User grou
means a group of users with the same operating rights and different user groups have different permissions.
☐ A. True
☐ B. False

Answer：A

77 . During the construction process, which should be used in corrosive operation? (Multiple choice)
☐ A. Anti-corrosion liquid goggles
☐ B. Acid-resistant gloves
☐ C. Anti-acid (alkali) service
☐ D. Anti-chemical shoes

Answer：ABCD

78 . Administrators can not control the login time and login IP address of other users through Huawei NetEco.
☐ A. True
☐ B. False

Answer：B

79 . The description of the data center cooling system, which of the following is incorrect?
☐ A. Cabinet-level air conditioning for cooling inside the cabinet.
☐ B. In cabinet-level, row-level, and room-level cooling, the row-level cooling mode has the shortest airflow path.
☐ C. Room-level cooling can improve the cooling efficiency by changing the air-out position.
☐ D. In low power density data centers, room-level cooling has cost advantages.

Answer：B

80 . The principle of the condenser is to cool and release the high-pressure gaseous refrigerant to the liquid state to realize the heat transfer and release.
☐ A. True
☐ B. False

Answer：A

81 . The principle of evaporator is to convert refrigerant from liquid to gas, take away the heat of the object to be refrigerated, to achieve refrigeration.
☐ A. True
☐ B. False

Answer：A

82 . Users can in which interface upgrade the device version?
☐ A. Software Management
☐ B. Report Management
☐ C. Asset Management
☐ D. Stock Management

Answer：A

83 . Use RS485 communication, the maximum communication distance are ( ) meters.
☐ A. 5
☐ B. 15
☐ C. 100
☐ D. 1200

Answer：D

84 . Which of the following components can check whether the refrigerant contains water?
☐ A. Solenoid valve
☐ B. water gauge
☐ C. device for drying and filtering
☐ D. depending on the oil mirror

Answer：B

85 . Which of the following is not the current harm to the human body?
☐ A. Human ventricular fibrillation
☐ B. suffocation
☐ C. spasm
☐ D. split

Answer：D

86 . Which of the following is not belongs to the monitoring function provided by Huawei NetEco.
☐ A. Real-time signal
☐ B. Current alarm
☐ C. Access monitoring
☐ D. software upgrade

Answer：D

87 . For only the Modbus protocol for the power distribution equipment, you can through ( ) access to dynamic environment monitoring system.
☐ A. FE
☐ B. RS485
☐ C. POE
☐ D. Dry contact

Answer：B

88 . CLF (Cooling Load Factor) is defined as the data center cooling equipment power consumption and IT equipment power ratio.
☐ A. True
☐ B. False

Answer：A

89 . Through check ( ), the user can understand the operation of the equipment.
☐ A. Real-time signal
☐ B. Device version
☐ C. Operation log
☐ D. Asset Management

Answer：C

90 . Gas fire extinguishing system are composed of ( ) and other subsystems. (Multiple choice)
☐ A. Extinguishing agent storage bottle group
☐ B. Start the device
☐ C. Fire Network
☐ D. Nozzle

Answer：ABCD

91 . ( ) support according to the report template to create a report task.
☐ A. Configuration Management
☐ B. Asset Management
☐ C. Report Management
☐ D. Stock Management

Answer：C

92 . ( ) is used to ensure that the extinguishing agent is sprayed in a specific jet to promote the rapid vaporization of the extinguishing agent and to achieve the extinguishing concentration within the protected space.
☐ A. Nozzle
☐ B. Fire network
☐ C. Start the device
☐ D. extinguishing agent bottle group

Answer：A

93 . Dynamic environment monitoring system, can be used to store high-definition images, provide large-scale storage media, for long-time storage of video recording equipment is ( ).
☐ A. collector
☐ B. Switch
☐ C. sound and light alarm
☐ D. Network Video Recorder (NVR)

Answer：D

94 . Water-cooling/ethylene glycol air-conditioning refrigerant at the factory has been filled well, on-site installation convenient and quick.
○ A. TRUE
○ B. FALSE

Answer：T

95 . Sensible heat ratio = sensible heat / total heat = sensible heat / (sensible heat + latent heat)
○ A. TRUE
○ B. FALSE

Answer：T

96 . In construction process, the existence of objects falling and impact of operations, ( ) should be used. (Multiple choice)
☐ A. helmets
☐ B. anti-smashing shoes
☐ C. Insulation gloves
☐ D. seat belt

Answer：AB

97 . Huawei row-level precision air conditioner humidifier is the infrared humidifier.
○A. TRUE
○B. FALSE

Answer：F

98 . When mains input range of voltage: 150-260VAC, frequency: 45-60HZ, which of the following UPS working range can work in the main inverter state?
☐ A. Input range: 180 ~ 240V, 45 ~ 55HZ
☐ B. Input range: 160 ~ 280V, 45 ~ 65HZ
☐ C. Input range: 180 ~ 240V, 40 ~ 70HZ
☐ D. Input range: 110 ~ 280V, 40 ~ 70HZ

Answer：D

99 . In the process of battery, battery can be direct sunshine, and don't have to do any sunshade measures.
○A. TRUE
○B. FALSE

Answer：F

100 . Environmental refrigerant R410a refrigeration performance better than non-environmental refrigerant R22.
○A. TRUE
○B. FALSE

Answer：F

101 . Battery electrolyte leakage occurs, which treatment approach is more appropriate?
☐ A. Flush with water and check if it needs to be replaced
☐ B. Flush with alkaline solution and check if it needs to be replaced
☐ C. Wear gloves wipe clean, check if it needs to be replaced
☐ D. Do not deal with

Answer：C

102 . In the battery installation process, the use of high-voltage battery maintenance channel should be insulated.
○A. TRUE
○B. FALSE

Answer：T

103 . In the dynamic environment monitoring system, the user queries the alarm information of the cooling equipment through ( ) function.
☐ A. Alarm Management
☐ B. Asset Management
☐ C. Entrance guard management
☐ D. Software Management

Answer：A

104 . Data center energy consumption mainly comes from the ring equipment, lighting system, refrigeration systems, power supply and distribution system. How to reduce the energy dissipations of the ( ) is the key to solve data center energy conservation in the industry at present.
☐ A. IT equipment
☐ B. Refrigeration system
☐ C. Lighting System
☐ D. Power Supply and Distribution System

Answer：B

105 . The role of the safety valve in the battery construction prevents excessive internal pressure and drains the excess ( ).
☐ A. Oxygen O2
☐ B. Hydrogen H2
☐ C. Water vapor H2O
☐ D. Electrolyte

Answer：B

106 . Computer room air conditioning is suitable for ( ) scenes. (Multiple choice)
☐ A. Modular data center
☐ B. Container Data Center
☐ C. Large and medium-sized data center
☐ D. Office

Answer：ABC

107 . RER (Renewable Energy Ratio) is used to measure data center using Renewable Energy, so as to promote the solar Energy, wind Energy, hydropower and other Renewable, no carbon emissions or little Energy utilization of carbon emissions.
○A. TRUE
○B. FALSE

Answer：T

108 . In the low-voltage distribution system, the role of the N line is used to exchange working current backflow.
○A. TRUE
○B. FALSE

Answer：T

109 . The role of Huawei chilled water air conditioner chassis power supply is to provide a stable fan power supply.
○A. TRUE
○B. FALSE

Answer：T

110 . Fuses can protect the personal safety in case of the equipment earth leakage.
○A. TRUE
○B. FALSE

Answer：F

111 . ACB circuit breaker actual work can reach several thousands of amps, at the same time require high breaking capacity, thermal stability.
○A. TRUE
○B. FALSE

Answer：T

112 . Dynamic environment monitoring system can be applied to ( ) scene. (Multiple choice)
☐ A. data center room
☐ B. Unattended substation
☐ C. Wireless base station
☐ D. Transfer node machine room

Answer：ABCD

113 . ( ) component can complete the DC to AC conversion.
☐ A. inverter component
☐ B. Rectifier component
☐ C. Charger
☐ D. Static bypass unit

Answer：A

114 . The condensed water of air conditioning is air after cooler cooling, formed by the condenser.
○A. TRUE
○B. FALSE

Answer：T

115 . The STS Static Transfer Switch enables switching between different input power supply and provides dual power supply for single power load.
○A. TRUE
○B. FALSE

Answer：T

116 . Which of the following component can improve the heat exchanger heat exchange capability?
☐ A. Fan
☐ B. Two-way valve
☐ C. Condensate pump
☐ D. Electric heating

Answer：A

117 . Common communication equipment ways have RS232, RS485, FE, etc.
○A. TRUE
○B. FALSE

Answer：T

118 . Huawei dynamic environment monitoring system, which equipment at the data collection layer can pass the underlying components (UPS, precision air conditioning, etc.) information to the monitoring software?
☐ A. camera
☐ B. entrance guard
☐ C. server
☐ D. ECC800

Answer：D

119 . Users can use the ( ) function to assign personnel to troubleshoot.
☐ A. Performance Management
☐ B. Monitoring and Management
☐ C. Work Order Management
☐ D. Configuration Management

Answer：C

120 . There are three different categories of earthing (TN, TT and IT) in low voltage distribution systems. The second capital letter represents ( ).
☐ A. Indicates the relationship of the power system to the exposed conductive parts of the power receiving system
☐ B. Indicates the relationship of the power system on the ground
☐ C. shows the relationship between neutral N and protective earth PE
☐ D. Said the relationship between power receiving system exposed conductive parts and the ground

Answer：D

121 . The following ( ) is the advantage of the UPS N system.
☐ A. low cost hardware configuration
☐ B. UPS work in the design of high-load conditions, the highest efficiency
☐ C. Lack of redundancy
☐ D. reliability is higher than mains

Answer：ABD

122 . According to the concentration degree of equipment, air conditioning system can be divided into ( ). (Multiple choice)
☐ A. Centralized
☐ B. Semi-centralized
☐ C. decentralized
☐ D. Mixed

Answer：ABC

123 . Leakage protection by the action mode is mainly divided into electronic and electromagnetic.
○ A. TRUE
○ B. FALSE

Answer：T

124 . Computer room fire protection system mainly consists of ( ) system. (Multiple choice)
☐ A. Automatic fire alarm
☐ B. Gas fire extinguishing
☐ C. Smoke control
☐ D. safe evacuation

Answer：ABCD

125 . During construction, touching sharp appliances should use ( ).
☐ A. anti-mechanical damage gloves
☐ B. helmets
☐ C. Insulation gloves
☐ D. seat belt

Answer：A

126 . If the capacity of the UPS is 20KVA, the UPS front end input capacity may be ( ) during normal operation.
☐ A. 20KVA
☐ B. 19KVA
☐ C.18KVA
☐ D. 25KVA

Answer：D

127 . UPS, also known as AC UPS system, for online UPS, when the AC input is normal, the system is supplied by ( ).
☐ A. Bypass
☐ B. Inverter
☐ C. battery
☐ D. Maintenance bypass

Answer：B

128 . Which of the following functions can be achieved by dynamic environment monitoring system? (Multiple choice)
☐ A. Operation status monitoring
☐ B. Operating parameters display
☐ C. Alarm information display
☐ D. remote management

Answer：ABCD

129 . Which is the unit of UPS rated capacity?
☐ A. KVA
☐ B. Var
☐ C. Kw
☐ D. AH

Answer：A

130 . Huawei NetEco monitoring system supports video real-time browsing.
☐ A. True
☐ B. False

Answer：A

131 . Which of the following is not a basic function of a low-voltage circuit breaker?
☐ A. Break
☐ B. Overcurrent protection
☐ C. Short circuit protection
☐ D. dual power switch

Answer：D

132 . Which of the following does not belong to the four major components of air conditioning?
☐ A. Compressor
☐ B. Evaporator
☐ C. Fan
☐ D. Condenser

Answer：C

133 . Ascending workers should be equipped with the seat belts which is necessary and meeted the safety requirements, and use properly and reasonably according to the use of the provisions; meanwhile, should have guardian's guardianship.
☐ A. True
☐ B. False

Answer：A

134 . Huawei NetEco monitoring system does not support remote door open.
☐ A. True
☐ B. False

Answer：B

135 . The basic principle of the infrared humidifier is that the far infrared heats the water to boiling to generate steam.
☐ A. True
☐ B. False

Answer：B

136 . In the process of construction, carry out the debris splash operation, should use ( ).
☐ A. helmets
☐ B. anti-smashing shoes
☐ C. anti-impact goggles
☐ D. seat belt

Answer：C

137 . Which of the following does not belong to the protocols?
☐ A. RJ45
☐ B. SNMP
☐ C. Modbus
☐ D. PMBus

Answer：A

138 . Huawei NetEco monitoring system supports hierarchical network management functions.
☐ A. True
☐ B. False

Answer：A

139 . The closer the PUE value is to (), indicates that the better the data center energy efficiency status is.
☐ A. 1
☐ B. 2
☐ C. 3
☐ D. 4

Answer：A

140 . Valve-regulated lead-acid batteries in English abbreviation is VRLA.
☐ A. True
☐ B. False

Answer：A

141 . Which of the following funcation is supported by Huawei NetEco monitoring system? (Multiple choice)
☐ A. Configuration Management
☐ B. Alarm Management
☐ C. Access Management
☐ D. Battery monitoring

Answer：ABCD

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142 . In low-voltage power distribution systems, the role of the PE line is to provide a return path for the fault current in the event of a power system failure.
☐ A. True
☐ B. False

Answer：A

143 . High sensible heat ratio is the only difference between a precision air conditioner and a residential air conditioner.
☐ A. True
☐ B. False

Answer：B

144 . Compressor is the heart of the refrigeration cycle, is the power plant of the refrigerant in the system inner loop, the low temperature and low pressure steam from the evaporator is compressed into high temperature and pressure steam.
☐ A. True
☐ B. False

Answer：A

145 . When using the PoE (Power over Ethernet) interface, there are two functions of passing and supplying power.
☐ A. True
☐ B. False

Answer：A

146 . Which of the following communication interface transfer rate is the fastest?
☐ A. RS232
☐ B. RS422
☐ C. RS485
☐ D. FE

Answer：D

147 . Which fire extinguishing agent is mainly used in data center fire protection system?
☐ A. Heptafluoropropane
☐ B. water
☐ C. Haloalkanes
☐ D. Halon 1301

Answer：A

148 . Battery slot of lead-acid battery is used to hold the electrolyte, plates, partitions, and so on.
☐ A. True
☐ B. False

Answer：A

149 . The northbound interface of Huawei monitoring system NetEco can be accessed ( ).
☐ A. Fire system
☐ B. higher level network management
☐ C. Lighting System
☐ D. Refrigeration system

Answer：B

150 . The type of compressor used by Huawei air-cooled precision air conditioner is ( ).
☐ A. Screw type
☐ B. Centrifugal
☐ C. Scroll
☐ D. Reciprocating

Answer：C

151 . Which of the following is advantages of the UPS 2N system? (Multiple choice)
☐ A. Power supply redundancy
☐ B. The UPS system can be serviced without switching the load to maintenance bypass mode
☐ C. no single path fault point
☐ D. numerous redundant components, high cost

Answer：ABC

152 . Valve-regulated lead-acid battery safety valve has ( ) function. (Multiple choice)
☐ A. Adjust the battery pressure inside and outside
☐ B. filter acid mist
☐ C. Flame retardant
☐ D. Anti-battery internal pollution

Answer：ABD

153 . Which of the following Humidifier is used in Huawei row-level precision air conditioning?
☐ A. Infrared humidifier
☐ B. electrode humidifier
☐ C. High pressure spray humidifier
☐ D. Ultrasonic humidifier

Answer：B

154 . Huawei dynamic environment monitoring system's components have ( ). (Multiple choice)
☐ A. NetEco server
☐ B. ECC800
☐ C. Smart ETH socket
☐ D. Skylight actuator

Answer：ABCD

155 . UPS inverter components can achieve the conversion from AC to DC.
☐ A. True
☐ B. False

Answer：B

156 . The function of the wind system is to properly organize the flow of indoor air so that the temperature, humidity and cleanliness of the air in the indoor work area can better meet the technical requirements and human comfort requirements.
○A. TRUE
○B. FALSE

Answer：T

157 . CLF (Cooling Load Factor) is defined as the ratio of the data center cooling equipment power consumption and IT equipment power consumption.
○A. TRUE
○B. FALSE

Answer：T

158 . For the same MCB circuit breaker, the rated ultimate short-circuit breaking capacity Icu is generally less than the rated operating short-circuits breaking capacity Ics.
○A. TRUE
○B. FALSE

Answer：F

159 . In air-conditioning systems, the role of ( ) is to cool the high-temperature and high-pressure gas discharged from the compressor by using water-cooled or air-cooled to release heat to the outside world.
☐ A. Evaporator
☐ B. Condenser
☐ C. compressor
☐ D. Expansion valve

Answer：B

160 . What throttle devices does Huawei air-cooled precision air conditioning use? (Multiple choice)
☐ A. Solenoid valve
☐ B. Thermal expansion valve
☐ C. Electronic expansion valve
☐ D. Orifice

Answer：BC

161 . In air conditioning systems, the role of the oil separator is to separate the lubricant from the compressor discharge and return the separated lubricant to the compressor.
○A. TRUE
○B. FALSE

Answer：T

162 . pPUE (Partial PUE) is an extension of the data center PUE, used to evaluate and analyzing the energy efficiency of a data center's local area or equipment.
○A. TRUE
○B. FALSE

Answer：T

163 . The following () circuit breakers are typically low voltage circuit breakers for IT loads.
☐ A. ACB
☐ B. MCCB
☐ C. MCB
☐ D. RCB

Answer：C

164 . The following ( ) is the correct description of 6 fixed VRLA single battery series. The rated capacity is 150Ah
☐ A. 150-GFM-6
☐ B. 6-GMF-150
☐ C. 6-GFM-150
☐ D. MF-150

Answer：C

165 . The following ( ) air supply methods are mainly applicable to the craft air conditioners in lower work area where there is a large amount of waste heat to be taken away.
☐ A. middle air-supply
☐ B. upper supply and bottom return
☐ C. bottom supply and upper return
☐ D. bottom supply and bottom return

Answer：C

166 . Lay anti-static floor, put on anti-static shoes and socks to prevent the formation of ( ).
☐ A. Static electricity from the foot to the ground
☐ B. Static electricity from hand to the ground
☐ C. Static electricity from hand to the device
☐ D. Static electricity from the foot to the device

Answer：A

167 . At present, the communication methods used by the Dynamic environment monitoring system are ( ). (Multiple choice)
☐ A. SNMP
☐ B. Modbus
☐ C. Dry Contact
☐ D. DGT

Answer：ABCD

168 . At present, batteries are installed in data centers mainly in rack-mounted and tank-mounted installations.
○ A. TRUE
○ B. FALSE

Answer：T

169 . ( ) is a fire detector that detects smoke particles.
☐ A. temperature detector
☐ B. VESDA
☐ C. Smoke detector
☐ D. sound and light alarm

Answer：C

170 . The function of the following ( ) parts is to help with oil return.
☐ A. liquid lens
☐ B. oil sight glass
☐ C. Oil trap
☐ D. reverse bend

Answer：C

171 . The following ( ) options belong to water-cooled chilled water air conditioners. (Multiple choice)
☐ A. No need to install a cooling tower
☐ B. Only for small data centers
☐ C. need to install a cooling tower
☐ D. Suitable for medium and large data centers

Answer：CD

172 . When AC power equipment are introduced in by using three-phase four-wire system, in addition to the zero line on the near side of the power transformer grounding, electrical equipment and the engine room should be near the ground repeatedly.
○A. TRUE
○B. FALSE

Answer：T

173 . In Main Inverter mode, the UPS will switch from Main Inverter mode to Static Bypass mode when mains input voltage and frequency exceed the allowable range of the UPS.
○A. TRUE
○B. FALSE

Answer：F

174 . 12V battery consists of 6 2V battery cells.
○A. TRUE
○B. FALSE

Answer：T

175 . The following air conditioning, which is comfort air conditioning?
☐ A. room dedicated air conditioning
☐ B. Clean air conditioning
☐ C. Commercial air conditioners
☐ D. Medical air conditioning

Answer：C

176 . Gas fire protection systems are fire extinguishing systems that inject gas (including steam, aerosol) as a fire extinguishing medium.
○A. TRUE
○B. FALSE

Answer：T

177 . Cryogenic components improve the continuous low pressure caused by low temperature start-up, thus allowing the air conditioner to start up normally.
○A. TRUE
○B. FALSE

Answer：T

178 . When the sunroof actuator senses a smoke alarm, it can not control the flip sunroof to open automatically.
○A. TRUE
○B. FALSE

Answer：F

179 . In the main inverter mode, the inverter will change from main inverter to battery inverter mode when overloaded.
○A. TRUE
○B. FALSE

Answer：F

180 . The main monitoring objects of data center room monitoring system are power systems, environmental systems, fire protection systems etc
○A. TRUE
○B. FALSE

Answer：T

181 . When using PoE (Power over Ethernet) interface, it has two functions: communication and power supply.
○A. TRUE
○B. FALSE

Answer：T

182 . What throttle devices does Huawei air-cooled precision air conditioning use? (Multiple choice)
☐ A. Solenoid valve
☐ B. Thermal expansion valve
☐ C. Electronic expansion valve
☐ D. Orifice

Answer：BC

183 . R410a refrigerant in the moment of spray out, can frostbite human skin and deeper muscles in a very short period of time and cause frostbited dermal necrosis.

○A. TRUE
○B. FALSE

Answer：T

184 . Whare are UPS common working modes? (Multiple choice)

☐ A. The main road inverter mode
☐ B. Static bypass mode
☐ C. Battery mode
☐ D. Offline mode

Answer：ABC

185 . Access control system can only set whether the user can open the door, can not be set when to open the door.

○A. TRUE
○B. FALSE

Answer：F