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Exam Name: HCIA-WLAN V3.0



Exam A

QUESTION 1

By a wireless AP And what is the network of associated wireless clients called ()?

- A. IBSS
- B. BSS
- C. ESS
- D. NSS

Correct Answer: B

Section:

QUESTION 2

If one BSS Totally by STA Composition, then BSS What is also called ()?

- A. IBSS
- B. ESS
- C. SSID
- D. BSA

Correct Answer: A

Section:

QUESTION 3

Mesh Networking is defined in which of the following protocols ()?

- A. 802.11a
- B. 802.11g
- C. 802.11e
- D. 802.11s

Correct Answer: D

Section:

QUESTION 4

single AP What is the area covered ()?

- A. BSA
- B. ESA
- C. SSA
- D. TSA

Correct Answer: A



Section:

QUESTION 5

exist PoE Of terms, AP What does it belong to ()?

- A. PSE
- B. PD
- C. PI
- D. PSU

Correct Answer: A

Section:

QUESTION 6

Regarding the two major PoE standards, the following statement is incorrect ().
(Select 2 Answers)

- A. The A.802.af standard was formulated in 2009, and the maximum output power is 30W
- B. 802.at supports four power levels and only supports Category 5 lines
- C. 802.af, also known as PoE+, can be compatible with 802.a devices
- D. 802.at, also known as PoE+, can be compatible with 802.a devices

Correct Answer: A, C

Section:

QUESTION 7

CAPWAP What are the main contents of the agreement ()? (Select 3 Answers)

- A. AP right AC Automatic discovery and AP&AC State machine operation and maintenance
- B. AC right AP Perform management and business configuration delivery
- C. STA Data encapsulation CAPWAP Tunnel forwarding
- D. Defined Mac Layer and physical layer transmission rate

Correct Answer: A, B, C

Section:

QUESTION 8

Regarding the networking mode, the following description is correct ().

- A. Compared with the three-layer network, the two-layer network is more suitable for large-scale networks such as parks and stadiums.
- B. The advantage of the three-layer network is simple configuration and easy networking
- C. if AC The ability to process data is relatively weak, it is recommended to use bypass networking
- D. In a direct-connected network, AP Business data can not go through AC And directly reach the upstream network

Correct Answer: C

Section:



QUESTION 9

In a dual-link backup network, AP According to what distinguishes the main use AC And spare AC of()? (Select 3 Answers)

- A. priority
- B. AC of IP address
- C. AC Load condition
- D. AC response AP Time of day

Correct Answer: A, B, C

Section:

QUESTION 10

To the following WLAN In the description of the network diagram, the error is ().

- A. The picture shows the bypass networking
- B. Can be configured and managed on the access switch VLAN of PVIDA.
- C. can use AC As DHCP Server ,give AP distribute IP address
- D. You cannot use the aggregation switch to STA distribute IP address

Correct Answer: D

Section:

QUESTION 11

Which of the following descriptions of business VLAN is correct is (). (Select 3 Answers)

- A. Mainly responsible for transmitting data when WLAN users go online
- B. PVID VLAN under the WLAN ESS interface
- C. Service VLAN under the service set template
- D. If the data tunnel is used for forwarding, user data will not be transmitted through the business VLAN business

Correct Answer: A, B, C

Section:

QUESTION 12

Which of the following devices belong to Huawei Wireless Dual Band AP(Access Point)? (Select 2 Answers)

- A. AP5010DN
- B. AP5010SN
- C. AP6010SN
- D. AP6010DN

Correct Answer: A, D

Section:



QUESTION 13

if AP Work in infrastructure mode, then AP The working state at this time is full-duplex mode.

- A. True
- B. False

Correct Answer: B

Section:

QUESTION 14

When did the initial application of wireless networks begin ()?

- A. During the First World War
- B. During the Second World War
- C. 20 Late century
- D. 2000 Years later

Correct Answer: B

Section:

QUESTION 15

IEEE It is the standards organization responsible for the use of wireless frequencies in the United States.

- A. True
- B. False

Correct Answer: B

Section:

**QUESTION 16**

Which of the following standards organizations implements WLAN technical interoperability for WLAN equipment certification ()?

- A. WiFi
- B. IEEE
- C. IETF
- D. FCC

Correct Answer: A

Section:

QUESTION 17

Which of the following agreements are IEEE customized 802.11 standard() ? (Select 3 Answers)

- A. 802.11a/b/g/n
- B. 802.11i
- C. 802.1X
- D. 802.11s

Correct Answer: A, B, D

Section:

QUESTION 18

Which of the following standards are WiFi Developed by the alliance ()? (Select 2 Answers)

- A. 802.11a/b/g/n
- B. WPA
- C. WPA2
- D. 802.11i

Correct Answer: B, C

Section:

QUESTION 19

CAPWAP The agreement is made by IEEE Standards organization in 2009 year 4 One of the month WLAN Standard for AC And thin AP Communication between.

- A. True
- B. False

Correct Answer: B

Section:

QUESTION 20

Which of the following protocols support 2.4GHz Frequency band()? (Select 3 Answers)

- A. 802.11a
- B. 802.11b
- C. 802.11g
- D. 802.11n

Correct Answer: B, C, D

Section:

QUESTION 21

China in 2.4GHz How many channels does the frequency band support ()?

- A. 11
- B. 13
- C. 3
- D. 5

Correct Answer: B

Section:

QUESTION 22

Which of the following options is the frequency range supported by China 5GHz Frequency band()?



- A. 5.15~5.25GHz
- B. 5.25~5.35GHz
- C. 5.725~5.825GHz
- D. 5.725~5.850GHz

Correct Answer: D

Section:

QUESTION 23

According to the different signal parameters controlled, what modulation methods can be divided into ()? (Select 3 Answers)

- A. AM
- B. FM
- C. phase modulation
- D. Wave modulation

Correct Answer: A, B, C

Section:

QUESTION 24

Which modulation method is the picture below ()?

- A. AM
- B. FM
- C. phase modulation
- D. Wave modulation

Correct Answer: B

Section:

QUESTION 25

What was the name of the first radio communication network based on packet technology ()?

- A. INTERNET
- B. ARPANet
- C. ALOHNET
- D. NSFnet

Correct Answer: C

Section:

QUESTION 26

WLAN What are the working frequency bands ()? (Select 2 Answers)

- A. 2 GHz
- B. 5 GHz



- C. 5.4 GHz
- D. 2.4 GHz

Correct Answer: B, D

Section:

QUESTION 27

2.4 GHz How many channels () can the frequency band be divided into at most?

- A. 14
- B. 13
- C. 11
- D. 3

Correct Answer: A

Section:

QUESTION 28

2.4 GHz What is the frequency band US non-overlapping channel ()?

- A. 2,7,12
- B. 3,8,13
- C. 1,6,11
- D. 3,7,13

Correct Answer: C

Section:

QUESTION 29

2.4 GHz What is the distance between the center frequencies of the channels in the frequency band ()?

- A. 20 MHz
- B. 22 MHz
- C. 5 MHz
- D. 10 MHz

Correct Answer: C

Section:

QUESTION 30

802.11g What is the bandwidth of each channel of the frequency band ()?

- A. 25 MHz
- B. 20 MHz
- C. 50 MHz
- D. 22 MHz



Correct Answer: B

Section:

QUESTION 31

Which of the following protocols can support at the same time 2.4GHz Frequency band and 5GHz Frequency band()?

- A. 802.11a
- B. 802.11b
- C. 802.11g
- D. 802.11n

Correct Answer: D

Section:

QUESTION 32

2.4 GHz What is the range of operating frequency specified by China ()?

- A. 2.4 GHz-2.4835 GHz
- B. 2.471 GHz-2.497 GHz
- C. 2.4465 GHz-2.4835 GHz
- D. 2.445 GHz-2.475 GHz

Correct Answer: A

Section:

QUESTION 33

Which of the following technologies work at 5 GHz ()? (Select 2 Answers)

- A. radar
- B. Bluetooth
- C. Infrared
- D. Digital satellite

Correct Answer: A, D

Section:

QUESTION 34

The basic service set is 802.11 The basic components of a network are composed of a group of workstations that communicate with each other.

- A. True
- B. False

Correct Answer: A

Section:

QUESTION 35

BSSID Is actually AP of MAC Address, used to identify AP Managed BSS .



- A. True
- B. False

Correct Answer: B

Section:

QUESTION 36

Which of the following is IEEE A wireless local area network standard originally formulated ()?

- A. IEEE 802.11
- B. IEEE 802.10
- C. IEEE 802.12
- D. IEEE 802.16

Correct Answer: A

Section:

QUESTION 37

Huawei AP The product can only support one configuration SSID .

- A. True
- B. False

Correct Answer: B

Section:

QUESTION 38

WDS Technology improves the flexibility and convenience of the entire network structure, but it can only support point-to-point working mode.

- A. True
- B. False

Correct Answer: B

Section:

QUESTION 39

SSID What is the Chinese name of ()?

- A. Basic service set
- B. Basic service area
- C. Extended service set
- D. Service set ID

Correct Answer: D

Section:

QUESTION 40



By multiple AP And the infrastructure mode network composed of distributed systems connecting them, also called what ()?

- A. Basic service set
- B. Basic service area
- C. Extended service set
- D. Extended service area

Correct Answer: C

Section:

QUESTION 41

Which of the following AP Mode does not belong to WDS The internet()?

- A. Root AP
- B. Middle AP
- C. Bridge AP
- D. Leaf AP

Correct Answer: C

Section:

QUESTION 42

BSS Full name Basic Service Set ,BSS It can be divided Independent BSS and Infrastructure BSS Two kinds.

- A. True
- B. False

Correct Answer: A

Section:

QUESTION 43

Which technology belongs to the wireless metropolitan area network () below?

- A. 2G/3G
- B. WLAN
- C. Bluetooth
- D. WiMAX

Correct Answer: B

Section:

QUESTION 44

If the wireless client wants to pass AP Connected to WLAN , Then what is it through to connect to the wireless network ()?

- A. SSID
- B. IBSS
- C. BSID



D. BSA

Correct Answer: A

Section:

QUESTION 45

WLAN middle,AP It has been working in a half-duplex state.

A. True

B. False

Correct Answer: A

Section:

QUESTION 46

1999 Year, IEEE 802.11a The standard formulation is completed. The standard stipulates that the working frequency band of wireless local area network can reach the transmission rate 11Mbps .
5.15 ~5.825GHz , Data transmission

A. True

B. False

Correct Answer: B

Section:

QUESTION 47

and 802.11a/b/g The standards are different, 802.11n Protocol is dual-frequency working mode (support 2.4GHz and 5GHz Two working frequency bands).

A. True

B. False

Correct Answer: A

Section:

QUESTION 48

802.11b Support () channels in the United States, among which () channels do not overlap?

A. 14 3

B. 11 3

C. 11 6

D. 14 6

Correct Answer: B

Section:

QUESTION 49

original 802.11 What is the maximum rate supported by the protocol Mbps ()?

A. 1



- B. 2
- C. 5.5
- D. 11

Correct Answer: B

Section:

QUESTION 50

original 802.11 What is the working frequency band used by the agreement ()?

- A. 2.4 GHz
- B. 900 MHz
- C. 2.0 GHz
- D. 5 GHz

Correct Answer: A

Section:

QUESTION 51

802.11b Which channels in the protocol do not overlap each other()? (Select 3 Answers)

- A. 1
- B. 3
- C. 6
- D. 11

Correct Answer: A, C, D

Section:

QUESTION 52

Which of the following options is 802.11g The maximum rate supported by the protocol ()?

- A. 11Mbps
- B. 22Mbps
- C. 54Mbps
- D. 108Mbps

Correct Answer: C

Section:

QUESTION 53

802.11a What kind of technology is used to implement the agreement?

- A. FHSS
- B. DSSS
- C. OFDM
- D. MIMO



Correct Answer: C

Section:

QUESTION 54

The following transmission rate can reach 54Mbps What are the wireless LAN standards and above ()? (Select 3 Answers)

- A. 802.11a
- B. 802.11b
- C. 802.11g
- D. 802.11n

Correct Answer: A, C, D

Section:

QUESTION 55

Which of the following wireless frames are control frames ()? (Select 3 Answers)

- A. Beacon
- B. RTS
- C. CTS
- D. PS-Poll

Correct Answer: A, C, D

Section:

QUESTION 56

exist WLAN middle ACK What type of frame() does the frame belong to?

- A. Management frame
- B. Control frame
- C. Data Frame
- D. Empty data frame

Correct Answer: B

Section:

QUESTION 57

802.11 There are three frame types, namely (). (Select 3 Answers)

- A. Data Frame
- B. Control frame
- C. Business frame
- D. Management frame

Correct Answer: A, B, D

Section:



QUESTION 58

802.11 The parameter used in the frame to check the integrity of the received frame is ()

- A. Frame Control
- B. Duration
- C. FCS
- D. Sequence control bit

Correct Answer: C

Section:

QUESTION 59


802.11 What parameters are used in the frame to reorganize the frame segment ()?

- A. Frame Control
- B. Duration
- C. Address Bit
- D. Fragment number

Correct Answer: D

Section:

QUESTION 60

The following command can configure the port of the Huawei switch as hybrid model()? 

- A. swichport hybrid
- B. hybrid enable
- C. port link-type hybrid
- D. port mode hybrid

Correct Answer: C

Section:

QUESTION 61

For Huawei AC To create a user, first use aaa Command to enter the view.

- A. True
- B. False

Correct Answer: A

Section:

QUESTION 62

Huawei Wireless Controller AC6605 The upgrade operation can only be performed on the wired side of the controller.

- A. True
- B. False

Correct Answer: A

Section:

QUESTION 63

The MEth0/0/1 interface of AC6605 is used for in-band network management. The default address is: 192.168.1.1/24, and it cannot be modified.

- A. True
- B. False

Correct Answer: B

Section:

QUESTION 64

pass through FTP Way to upgrade AP, You need to ensure AP and FTP Servers can communicate with each other, and AP Put the upgrade file in FTP Root directory.

- A. True
- B. False

Correct Answer: A

Section:

QUESTION 65

Huawei AP6310AP Outdoor type AP,can support WDS Function to realize the point-to-multipoint wireless bridging function.

- A. True
- B. False



Correct Answer: B

Section:

QUESTION 66

Telnet is one of the ways to manage AP remotely. Telnet authentication based on username and password can be realized through configuration.

- A. True
- B. False

Correct Answer: A

Section:

QUESTION 67

Huawei AC6605 What is the command to switch between the wired side and the wireless side ()?

- A. Ctrl+B
- B. Ctrl+X
- C. Ctrl+Y
- D. Ctrl+Z

Correct Answer: B

Section:

QUESTION 68

an examination AC What is the command for online users ()?

- A. display users all
- B. display user-interface console 0
- C. display local-user
- D. display access-user

Correct Answer: D

Section:

QUESTION 69

Which of the following is a restart AC6605 The command()?

- A. <Quidway> reload
- B. <Quidway> reboot
- C. [Quidway]reload
- D. [Quidway] reboot

Correct Answer: B

Section:

QUESTION 70

Regarding the telnet management of AC6605, the following statement is wrong ().

- A. telnet is a way to remotely manage AC
- B. The telnet service is turned off by default on the AC
- C. telnet service can be configured separately on the wired side and wireless side of AC
- D. telnet can be authenticated based on user name and password, and the transmission is encrypted, so it is quite safe

Correct Answer: D

Section:

QUESTION 71

Huawei Wireless Controller AC6605 Supports user access security management through security templates, and supports WAPI Four security strategies.

- A. True
- B. False

Correct Answer: A

Section:

QUESTION 72

If changed AP The configuration parameters of the radio must be restarted AP The order can only take effect.



- A. True
- B. False

Correct Answer: B

Section:

QUESTION 73

What is the recommended AC-ID for Huawei wireless controllers when configuring enterprise network WLAN services ()?

- A. cmcc (China Mobile)
- B. ctc (China Telecom)
- C. cuc (China Unicom)
- D. other (other)

Correct Answer: D

Section:

QUESTION 74

The following about SSID The statement is wrong ().

- A. One AP Can release multiple different SSID
- B. Multiple AP Can release the same one on SSID
- C. One AP Configurable SSID There is no limit to the number
- D. One AP Can release the same SSID Signal

Correct Answer: C

Section:

QUESTION 75

Used as AP and AC Establish CAPWAP tunnel VLAN What is it VLAN ()?

- A. manage VLAN
- B. Serve VLAN
- C. user VLAN
- D. Certification VLAN

Correct Answer: A

Section:

QUESTION 76

eSight The network management is Huawei's dedicated network management platform, but it can only manage Huawei's own equipment.

- A. True
- B. False

Correct Answer: B

Section:



QUESTION 77

Which of the following options are the basic functions of configuring Huawei wireless controllers ()? (Select 3 Answers)

- A. Configuration AC-ID
- B. Configuration Radio template
- C. Configuration AC Country code
- D. Configuration AC of WLAN Source interface

Correct Answer: A, C, D

Section:

QUESTION 78

Configuration AP Authentication mode, AP What are the supported authentication methods ()? (Select 3 Answers)

- A. mac-auth
- B. sn-auth
- C. no-auth
- D. mac-sn-auth

Correct Answer: A, B, C

Section:

QUESTION 79

The following Huawei AP Which AP support SFP Fiber interface()?

- A. AP6010DN
- B. AP6310SN
- C. AP6510DN
- D. AP6610DN

Correct Answer: A

Section:

QUESTION 80

The wireless LAN architecture is mainly divided into controller-based thin

- A. True AP Architecture and traditional independent fat AP Architecture.
- B. False

Correct Answer: A

Section:

QUESTION 81

The following is for thin AP Is the description correct ()?

- A. thin AP Also known as wireless router



- B. thin AP Because of lack of function, is gradually getting fat AP replace
- C. thin AP Cannot be configured separately, must be used in conjunction with the wireless controller
- D. thin AP can be realised 802.1X Authentication, encryption and other functions, others such as QoS, Roaming functions are implemented on the wireless controller

Correct Answer: C

Section:

