



Vendor: Huawei

Exam Code: H12-311_V3.0

Exam Name: HCIA-WLAN V3.0

Version: DEMO

QUESTION 1

Which of the following options is in the 5GHz band supported by China?

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

Answer: D

QUESTION 2

What are the modulation methods (Select 3 Answers) depending on the signal parameters being controlled?

- A. amplitude modulation
- B. frequency modulation
- C. phase modulation
- D. modulation

Answer: ABC

QUESTION 3

What is the bandwidth of each channel in the 802.11g band?

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

Answer: B

QUESTION 4

Which of the following AP modes does not belong to the WDS network?

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

Answer: C

QUESTION 5

What is the network consisting of a wireless AP and associated wireless clients?

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

Answer: B

QUESTION 6

If a BSS is composed entirely of STAs, what is the BSS also called?

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

Answer: A

QUESTION 7

Which of the following protocols is defined in the Mesh networking?

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

Answer: D

QUESTION 8

What is the area covered by a single AP?

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

Answer: A

QUESTION 9

BSS is called Basic Service Set, and BSS can be divided into Independent BSS and Infrastructure BSS.

- A. True
- B. False

Answer: A

QUESTION 10

Which technology is below the wireless metropolitan area network?

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

Answer: B

QUESTION 11

If a wireless client wants to connect to a WLAN through an AP, what does it connect to over the wireless network?

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

Answer: A

QUESTION 12

In WLAN, the AP has been working in a half-duplex state.

- A. True
- B. False

Answer: A

QUESTION 13

In 1999, the IEEE 802.11a standard was developed. The standard specifies that the WLAN operating frequency band is 5.15 to 5.825 GHz, and the data transmission rate reaches 11 Mbps.

- A. True
- B. False

Answer: B

QUESTION 14

Unlike the 802.11a/b/g standard, the 802.11n protocol is a dual-band mode of operation (supporting two operating bands of 2.4 GHz and 5 GHz).

- A. True
- B. False

Answer: A

QUESTION 15

802.11b supports () channels in the United States, where one channel does not overlap?

- A. 14;3
- B. 11;3
- C. 11;6
- D. 14; 6

Answer: B

QUESTION 16

What is the maximum rate supported by the original 802.11 protocol?

- A. 1
- B. 2
- C. 5.5
- D. 11

Answer: B

QUESTION 17

What is the working frequency band used in the original 802.11 protocol?

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

Answer: A

QUESTION 18

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

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

Answer: ACD

QUESTION 19

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

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

Answer: C

QUESTION 20

What kind of technology is implemented by the 802.11a protocol?

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

D. MIMO

Answer: C

QUESTION 21

What are the following WLAN standards for transmission rates up to 54 Mbps and above (Select 3 Answers)?

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

Answer: ACD

QUESTION 22

Which of the following wireless frames belong to the Control Frame (Select 3 Answers)?

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

Answer: ACD

QUESTION 23

What type of frame does the ACK frame belong to in the WLAN?

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

Answer: B

QUESTION 24

802.11 has three frame types, which are (Select 3 Answers).

- A. Data frame
- B. Control frame
- C. Service frame
- D. Management frame

Answer: ABD

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