



**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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