# Changing the Concept of H12-311\_V3.0 Exam Preparation 2023 [Q176-Q194



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The Huawei H12-311\_V3.0 exam is an important certification for professionals in the field of wireless LAN technologies. The certification program covers a wide range of topics and is designed to equip professionals with the skills and knowledge required to plan, design, deploy, and manage wireless LAN networks. The certification is highly valued in the industry and is recognized by many organizations, making it a valuable asset for professionals seeking to advance their careers in this field.

The Huawei H12-311\_V3.0 Exam consists of 60 multiple-choice questions and lasts for 90 minutes. The passing score is 600 out of 1000 points. The exam is available in multiple languages, including English, Chinese, Russian, French, and Spanish. Candidates can take the exam at any Huawei Authorized Learning Partner or Pearson VUE testing center worldwide.

The Huawei H12-311\_V3.0 (HCIA-WLAN V3.0) Exam is targeted towards IT professionals who are responsible for WLAN planning, design, deployment, and maintenance. This includes network engineers, network administrators, network technicians, and other IT professionals who work with WLANs. The exam covers a wide range of topics such as WLAN architecture, WLAN

planning and design, WLAN implementation and maintenance, WLAN security, and troubleshooting.

#### **QUESTION 176**

Point-to-point wireless bridges can be used to connect two networks located at different locations. In the wireless backbone connection, they are set to different channels. Root AP and Leaf AP Should be set

- \* True
- \* False

## **QUESTION 177**

because 802.11a The maximum rate supported is the same as 802.11g. The maximum rate supported is the same, so 802.11a Protocol is backward compatible 802.11g Agreement.

- \* True
- \* False

## **QUESTION 178**

Compared with 802.11a/b/g, the technical advantages of 802.11n include which of the following aspects ()?

- \* The maximum theoretical transmission rate is increased to 600Mbps
- \* Backward compatible with 802.11a/b/g protocol
- \* Support MIMO technology
- \* The other three items are correct

#### **OUESTION 179**

Which is the longest interval between 802.11 frames ()?

- \* SIFS
- \* IFS
- \* DIFS
- \* PIFS

# **QUESTION 180**

It can be connected with the antenna via ().

- \* Network cable
- \* CATV coaxial cable
- \* Power cord
- \* 50 ohm RF coaxial cable

Coaxial cable

# **QUESTION 181**

If it is turned on on the switch PoE The function of this, you can no longer access traditional equipment on these interfaces.

- \* True
- \* False

#### **QUESTION 182**

2.4	<b>GHz</b>	How	many	channels	· ()	can	the	frequency	band	be	dix	rided	into	at	most	?

- \* 14
- \* 13
- \* 11
- \* 3

## **QUESTION 183**

Originally only supported TKIP The wireless network card can be upgraded through the driver to support AES encryption.

- \* True
- \* False

# **QUESTION 184**

What frame does the wireless client actively scan to obtain the surrounding wireless network information ()?

- \* Beacon frame
- \* Probe Request frame
- \* Authentication Request frame
- \* Association Request frame

#### **QUESTION 185**

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

\* True

AP Architecture and traditional independent fat AP Architecture.

\* False

#### **QUESTION 186**

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

- \* 2G/3G
- \* WLAN
- \* Bluetooth
- \* WiMAX

# **QUESTION 187**

For protection WLAN Security, which of the following measures can be taken? (Select 3 Answers)

- \* Authentication
- \* encryption
- \* System protection
- \* Control flow

#### **QUESTION 188**

CCMP The algorithm used for encryption is ().

- \* RC4
- \* AES
- \* SMS4

\* Michael

## **QUESTION 189**

802.11 In the frame, RTS and CTS What is the interframe interval between ()?

- \* SIFS
- \* IFS
- \* DIFS
- \* PIFS

## **QUESTION 190**

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

- \* 802.11a/b/g/n
- \* 802.11i
- \* 802.1X
- \* 802.11s

## **QUESTION 191**

Regarding the functional characteristics of AP6010SN, which of the following statements is correct is ().

(Select 2 Answers)

- \* AP6010SN is an indoor distributed AP, which only supports working in the 2.4GHz frequency band
- \* AP6010SN has an Ethernet interface and supports 802.3af PoE power supply standard
- \* AP6010SN supports WDS function, which can realize point-to-point and point-to-multipoint wireless bridging
- \* AP6010SN not only has a built-in antenna, but also an external antenna, which is very convenient

#### **QUESTION 192**

Among the following encryption methods, the most secure is ()

- \* Plaintext encryption
- \* WEP encryption
- \* TKIP encryption
- \* CCMP encryption

# **QUESTION 193**

Which of the following functions does the Huawei WLAN planning tool have ()?

(Select 3 Answers)

- \* Support automatic identification of obstacles
- \* Support the division of general coverage areas and key coverage areas
- \* Support automatic deployment of AP locations
- \* Support exporting standardized WLAN planning reports

# **QUESTION 194**

When a hardware failure occurs in an AP in the network, in order to avoid data reconfiguration, the user can quickly complete the AP replacement by configuring the AP.

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