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## HCNA-WLAN - Wireless Local Area Network

Huawei H12-311

Version Demo

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## Topic Break Down

Topic	No. of Questions
Topic 1, Exam Set A	99
Topic 2, Exam Set B	100
Topic 3, Exam Set C	99
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**QUESTION NO: 1**

The following description of the service VLAN is correct (Select 3 Answers).

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

**ANSWER: A B C****QUESTION NO: 2**

The systematic process of AP RF resource management is.

- A. Acquisition -> Decision -> Analysis -> Execution
- B. Analysis -> Acquisition -> Decision -> Execution
- C. Acquisition -> Analysis -> Execution -> Decision
- D. Acquisition -> Analysis -> Decision -> Execution

**ANSWER: D****QUESTION NO: 3**

The networking mode can be divided into a Layer 2 networking mode and a Layer 3 networking mode based on the network architecture between the AP and the AC.

- A. True
- B. False

**ANSWER: A**

**QUESTION NO: 4**

What are the wireless LAN standards that support the 5GHz band (Select 2 Answers)?

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

**ANSWER: A D**

**QUESTION NO: 5**

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 NO: 6**

Regarding the functional characteristics of the AP6010SN, the following statement is correct (Select 2 Answers).

- A. AP6010SN is an indoor distributed AP that only supports working in the 2.4GHz band.
- B. The AP6010SN has an Ethernet interface that supports 802.3af PoE power supply standards.
- C. AP6010SN supports WDS function, which can realize point-to-point and point-to-multipoint wireless bridging
- D. AP6010SN not only has built-in antenna, but also can be installed with an external antenna.

**ANSWER: B C**

**QUESTION NO: 7**

If the demand for WLAN capacity is high in a coverage area, the construction method of should be considered.

- A. Indoor distribution system combination road
- B. Outdoor distribution system combination road
- C. Indoor installation
- D. Outdoor type AP+ directional antenna

**ANSWER: C**

#### QUESTION NO: 8

WIDS attack detection includes (Select 3 Answers).

- A. Flood attack detection
- B. Weak IV attack detection
- C. Spoof attack detection
- D. Microwave interference detection

**ANSWER: A B C**

#### QUESTION NO: 9

According to the following output, the following statement is correct (Select 3 Answers).

display version

Huawei Versatile Routing Platform Software

VRP (R) software, Version 5.70 (AC6605 V200R001C00) Copyright (C) 2003-2012 Huawei TECH CO., LTD

Quidway AC6605-PWR Routing Switch uptime is 0 week, 1 day, 23 hours, 33 minutes H852V26S 0(Master) : uptime is 0 week, 1 day, 23 hours, 33 minutes

512M bytes DDR Memory 128M bytes FLASH

Check the running status of the AC6605.

- A. display version can see that the VRP version number of today's devices is 5.70.
- B. The equipment has been running continuously for 1 day, 23 hours and 33 minutes.
- C. Currently the device has used 512 Mbytes of system memory.

D. The total flash size of the device is 128 Mbytes.

**ANSWER: A B D**

**QUESTION NO: 10**

The 802.11n standard uses dual-band (2.4 GHz and 5 GHz), the theoretical transmission rate can reach up to 300 Mbps, and the actual test rate can reach more than 100 Mbps.

- A. True
- B. False

**ANSWER: B**

**QUESTION NO: 11**

Authentication is not related to the authentication encryption used by the WLAN itself when it is used by the WLAN.

- A. True
- B. False

**ANSWER: B**

**QUESTION NO: 12**

What are the rates that 802.11g can support?

- A. 1,2,5.5,11&6,9,12,18,24,30,36,48,54 Mbps
- B. 6,9,12,18,24,36,48,54 Mbps
- C. 1,2,5.5,11&6,9,12,18,24,36,48,54 Mbps
- D. 6,9,12,18,24,30,36,48,54 Mbps

**ANSWER: C**

**QUESTION NO: 13**

What are the QoS service models (Select 3 Answers).

- A. Best Effort model
- B. IntServ model
- C. FIFO model
- D. DiffServ model

**ANSWER: A B D**

**QUESTION NO: 14**

WDS technology increases the flexibility and convenience of the entire network structure, but only supports peer-to-peer mode of operation.

- A. True
- B. False

**ANSWER: B**

**QUESTION NO: 15**

In China, the WLAN band supported by regulations is

- A. 2.4-2.4835GHz
- B. 5.15-5.25GHz
- C. 5.25-5.35GHz
- D. 5.725-5.850GHz

**ANSWER: A D**