



Vendor: CWNP

Exam Code: PW0-071

Exam Name: Certified Wireless Technology Specialist

Version: DEMO

QUESTION 1

What wireless network access technology is used to cover a city with 802.11 or another wireless networking technology?

- A. WPAN
- B. WMAN
- C. WWAN
- D. WLAN

Answer: B

QUESTION 2

Which s of antenna usage are the most accurate? (Choose 2)

- A. A parabolic dish antenna is ideal for directing a beam down a long hallway.
- B. An omni-directional antenna is well-suited to provide wireless coverage in most homes.
- C. Patch antennas are mounted in the center of a lecture hall to provide circular coverage.
- D. A dipole antenna is mounted to a perimeter wall in school buildings to provide coverage inside the building.
- E. A grid antenna is designed to perform favorably as part of an outdoor point-to-point link under windy conditions.

Answer: BE

QUESTION 3

As a general rule, where is the most appropriate location to install a dipole antenna?

- A. Near the center of the coverage area
- B. At one end of the coverage area facing toward the other side
- C. At the perimeter of the coverage area facing inward
- D. At the perimeter of the coverage area facing outward
- E. Directly below the coverage area

Answer: A

QUESTION 4

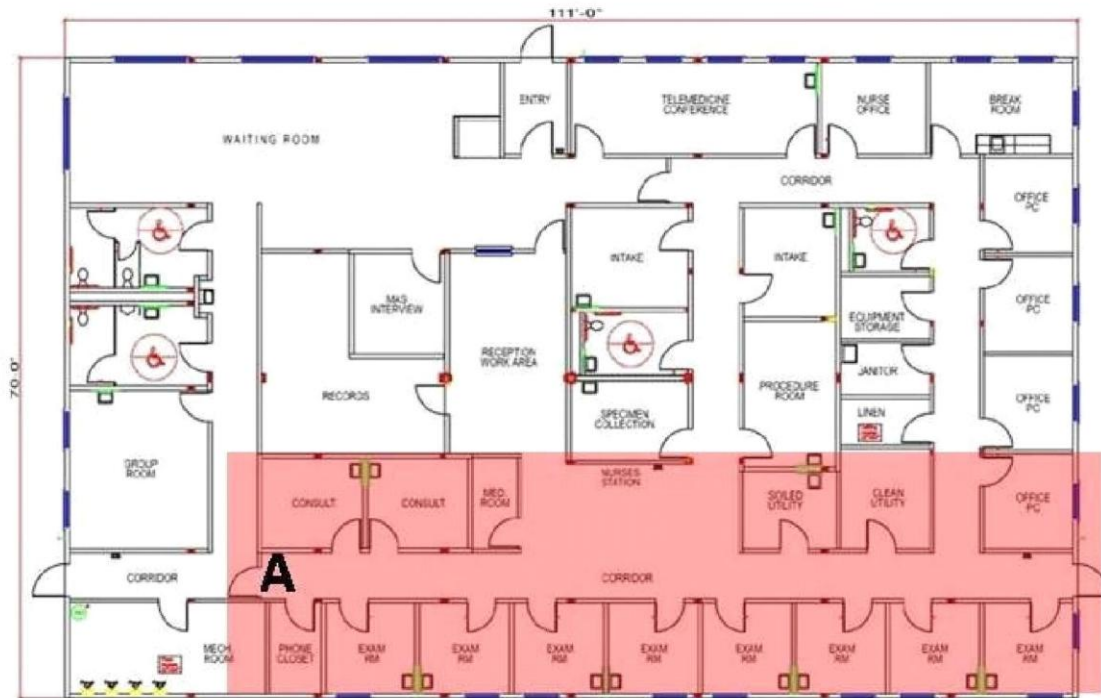
Given: You are recommending an AP for use in a warehouse environment. Some APs will require directional antennas and others will use dipole antennas. What feature must be supported by the APs in this installation?

- A. Multiple SSIDs
- B. Grounding wire connectors
- C. Pole mounts
- D. External antennas
- E. Variable output power

Answer: D

QUESTION 5

ABC Company would like to provide Wi-Fi coverage to the area highlighted on the floorplan in the exhibit.



If mounted at location-A, what type of antenna would provide a coverage pattern similar to the highlighted area?

- A. Diversity Patch
- B. High-gain Yagi
- C. Parabolic Grid
- D. Low-gain Dipole
- E. Sectorized Array

Answer: A

QUESTION 6

What unit of measurement is used to measure the power difference between two RF signals?

- A. Joule
B. Decibel
C. Ohm
D. Volt
E. Ampere

Answer: B

QUESTION 7

dBi is a(n) _____ measurement of gain introduced by _____?

- A. absolute; an access point
- B. absolute; cables and connectors
- C. relative; an antenna
- D. relative; a radio chain

Answer: C

QUESTION 8

ABC Academy is currently using non-802.11 2.4 GHz wireless security cameras. What problem will ABC Academy experience if they deploy Wi-Fi client devices in the 2.4 GHz ISM band?

- A. The Wi-Fi client devices will experience performance degradation due to co-channel interference.
- B. Wi-Fi client devices will create a security hole in the Wi-Fi infrastructure as a protection mechanism.
- C. If the Wi-Fi client devices detect the security cameras, they will move to the 5 GHz band and stop transmitting in the 2.4 GHz band.
- D. The Wireless Network Management System (WNMS) would not be able to manage the APs near the security cameras.

Answer: A

QUESTION 9

802.11a operates in the _____ GHz frequency range and uses the _____ frequency bands.

- A. 2.4, OFDM
- B. 2.4, ERP
- C. 2.4, HR/DSSS
- D. 5, OFDM
- E. 5, UNII

Answer: E

QUESTION 10

Which Wi-Fi technology simultaneously uses multiple radio chains to transmit or receive data?

- A. High Rate Direct Sequencing Spread Spectrum (HR/DSSS)
- B. Orthogonal Frequency Division Multiplexing (OFDM)
- C. Extended Rate Physical (ERP)
- D. Multiple Input, Multiple Output (MIMO)

Answer: D

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