



Vendor: Cisco

Exam Code: 200-355

Exam Name: Implementing Cisco Wireless Network
Fundamentals

Version: DEMO

QUESTION 1

Drag and Drop Question

Drag the propagation behavior on the left to the corresponding environment on the right.

Absorption	Distant Point to Point Line of Sight
Diffraction	Distant Point to Point with Obstacles
Scattering	Metal Cabinets in Dense Office
Reflection	Pass Through a Wooden Wall
Free Space Path Loss	Pass Through Rain
Multipath	Point to Point Over Body of Water

Answer:

Free Space Path Loss
Diffraction
Multipath
Absorption
Scattering
Reflection

QUESTION 2

What is the effect of increasing antenna gain on a radio?

- A. focusing energy in a defined direction
- B. adding energy creating a larger cell
- C. aligning phase shifting
- D. improving frequency specific diversity

Answer: B

QUESTION 3

Which signal strength reading indicates that the engineer is closest to the access point?

- A. -43 dBm
- B. -67 dBm
- C. -87 dBm
- D. -100 dBm

Answer: A

QUESTION 4

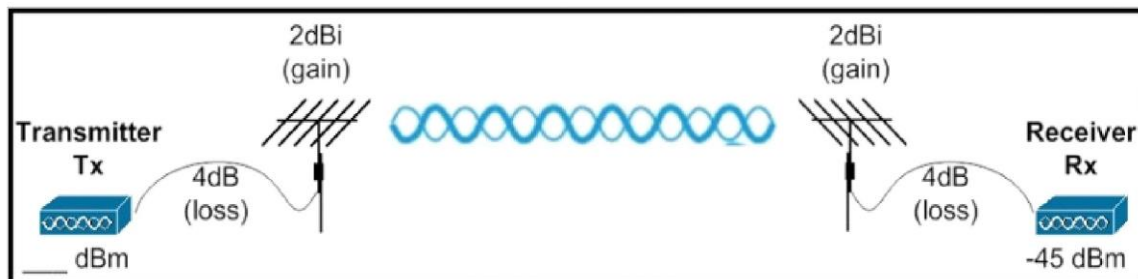
The new tablets for the sales department require an SNR of 18 or more to operate. Given a noise floor of -88 dBm, what is the minimum RSSI that is needed?

- A. -60 dBm
- B. -70 dBm
- C. -72 dBm
- D. -80 dBm
- E. -96 dBm
- F. -106 dBm

Answer: B

QUESTION 5

Refer to the exhibit. A network engineer needs the far end of a wireless bridge to receive at -45dBm.



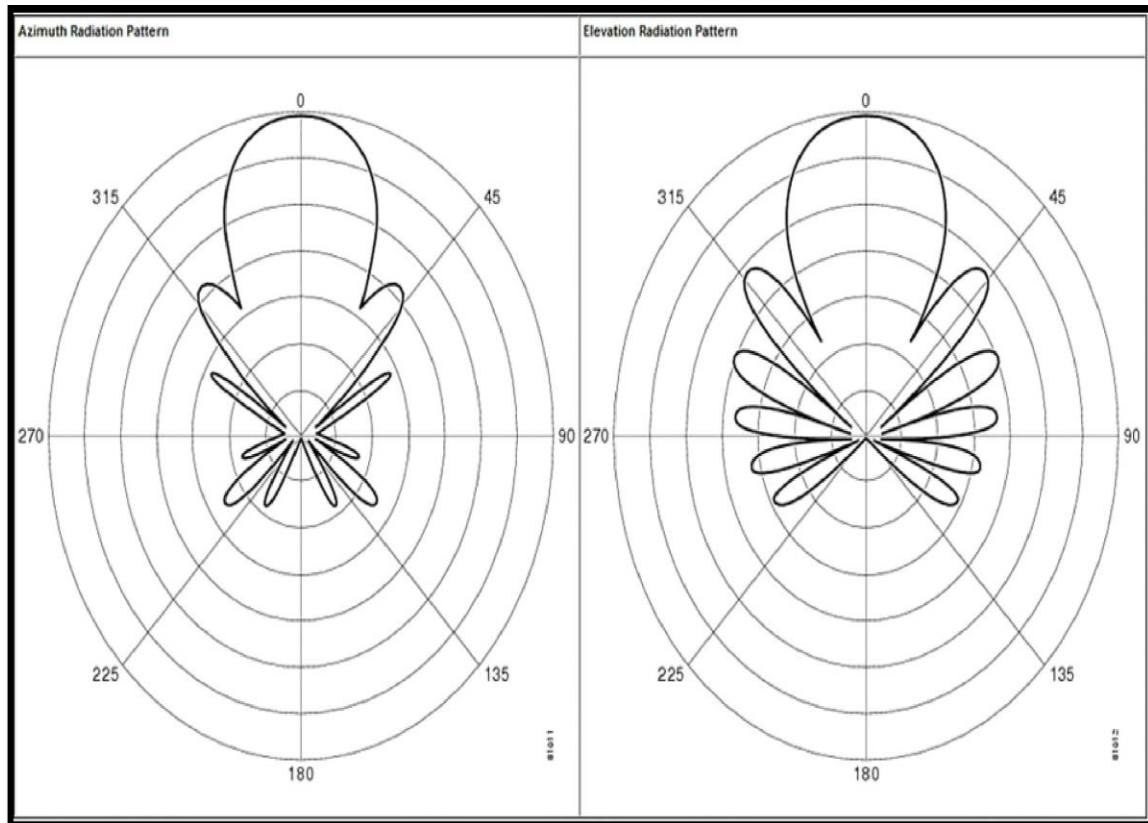
Based on the diagram, what value in dBm must the transmitter use to send to achieve the desired result?

- A. -118
- B. -28
- C. -20
- D. 20
- E. 28
- F. 118

Answer: E

QUESTION 6

Refer to the exhibit. A wireless engineer has an antenna with the radiation pattern shown in the exhibit. What type of antenna is it?



- A. Patch
- B. Yagi
- C. Parabolic dish
- D. Dipole
- E. Internal omni

Answer: B

QUESTION 7

When reading a radiation pattern for an antenna, at which two drops in signal and power is the beamwidth measured? (Choose two.)

- A. 3 dB
- B. 6 dB
- C. 9 dB
- D. 10 dB
- E. 1/2 power
- F. 1/4 power
- G. 1/8 power
- H. 1/10 power

Answer: AE

QUESTION 8

When calculating the link budget for a wireless point-to-point bridge, the engineer notices that one antenna has its gain marked as 2.85 dBd. With a 20-mW access point and 3-dBi loss for the cable, what is the approximate EIRP?

- A. 15 dBm
- B. 18 dBm
- C. 22 dBm
- D. 25 dBm

Answer: A

QUESTION 9

Due to the terrain, a deployment requires a point-to-point wireless bridge to allow for network connectivity to a remote building. What 5GHz band would be permitted to use the highest power in the U.S.?

- A. U-NII-3
- B. U-NII-2 Extended
- C. U-NII-2
- D. U-NII-1

Answer: A

QUESTION 10

A wireless engineer is designing a network for the London branch of a company. Which 5-GHz band allows the branch to use the highest EIRP?

- A. 2.4-GHz ISM
- B. UNII-1
- C. UNII-2
- D. UNII-2 Extended

Answer: D

QUESTION 11

When using OFDM, how many subcarriers are devoted to carrying data?

- A. 4
- B. 12
- C. 44
- D. 48
- E. 52

Answer: D

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