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CWNP

CWISA-101

Certified Wireless IoT Solutions Administrator (CWISA)









Question: 255

You are considering the implementation of a lab for testing wireless equipment.

What is the primary benefit of such a lab? (Choose the single best answer.)

- A. Provides a way to repurpose old hardware that is not ready for final removal
- B. Provides a failover environment for your production systems
- C. Provides for testing to determine how much RF exposure you can tolerate
- D. Provides a safe environment in which to develop practical skills and knowledge of a technology and to test the technology

Answer: C

Question: 256

What function does the IEEE perform in relation to wireless technologies?

- A. Designs wireless chipsets
- B. Represents industry vendors
- C. Promotes technology and standards development
- D. Brings wireless products to market

Answer: A

Question: 257

What part(s) of the OSI network model does the IETF primarily focus on for the development of standards?

- A. Network Layer and above
- B. Physical Layer
- C. All layers
- D. Data Link Layer

Answer: D

Question: 258

What is the role of the ITU in wireless communications?

- A. Defines international communications standards
- B. Oversees communications regulatory agencies in each country
- C. Coordinates the shared global use of the radio spectrum
- D. Establishes wireless radiation exposure limits

Answer: C

Question: 259

What organization maintains and publishes the 802.15.4 Standard?

A. Bluetooth SIG

B. IETF
C. Zigbee Alliance
D. IEEE

Answer: D

Question: 260

What is the typical

What is the typical range of a wireless body area network (WBAN)?

- A. 10 meters
- B. 1-2 meters
- C. 10 centimeters
- D. 10 square meters

Answer: A

Question: 261

Which one of the following is NOT a typical Smart City application?

- A. City-wide municipal Wi-Fi
- B. Pollution monitoring
- C. Demand-based road tolling
- D. Self-driving ride sharing

Answer: C

Question: 262

You have been asked to consider smart building opportunities for your organization.

Which one of these is a benefit of smart building technology?

- A. Faster Wi-Fi connectivity
- B. Increased vacation time for building managers
- C. Reduced design and construction costs
- D. Improved operational efficiency

Answer: B

Question: 263

What best describes the area covered or connected by a WWAN?

- A. Campus
- B. Region
- C. City
- D. In-building

Answer: B

Question: 264

What is the benefit of using SINR as opposed to SNR to reference signal quality at a receiver?

- A. SNR excludes the noise floor, which skews the results
- B. SNR includes interference measurements that skew the results
- C. SINR includes interference as well as the noise floor
- D. SINR excludes interference and only measures the noise floor

Answer: C

Question: 265

What is defined as the weakening of signal amplitude as the signal passes through a medium?

- A. Attenuation
- B. Diffraction
- C. Reflection
- D. Scattering

Answer: A

Question: 266

How is ASK modulation different from FSK modulation?

- A. FSK is more sensitive to noise than ASK
- B. ASK does not work at high frequencies
- C. ASK can carry more data than FSK
- D. ASK varies the amplitude of the signal while FSK shifts its frequency

Answer: A

Question: 267

What does the number in the various Quadrature Amplitude Modulation levels, such as 16 in QAM-16 and 64 in QAM-64, indicate? (Choose the single best answer.)

- A. The number of spatial streams, which is the 1/4 the number in the QAM level
- B. The speed of data transfer, which is four times the number in the QAM level
- C. The number of target points in the QAM constellation, which are equivalent to amplitude and phase combinations
- D. The channel width, which is stipulated in MHz

Answer: A

Question: 268

What factor severely limits the range of systems operating in the 60GHz band?

- A. Atmospheric Scattering
- B. Solar Radiation
- C. Rain Fade

D. Oxygen Fade

Answer: D

Question: 269

What consideration is found in PtMP systems that is not found in PtP systems?

A. Interference avoidance

B. SINR optimization

C. Airtime management

D. Frequency selection

Answer: A



SAMPLE QUESTIONS

These questions are for demo purpose only. **Full version** is up to date and contains actual questions and answers.

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