

AMCAT Network Devices and Routing Algorithms Questions

Question 1: The receive equalizer reduces delay distortions using a

- A. tapped delay lines
- B. gearshift
- C. descrambler
- D. difference engine

Answer: Option A

Question 2: What is the usual number of bits transmitted simultaneously in parallel data transmission used by microcomputers?

- A. 16
- B. 9
- C. 8
- D. 4

Answer: Option B

Question 3: An error-detecting code inserted as a field in a block of data to be transmitted is known as

- A. Frame check sequence
- B. Error detecting code
- C. Checksum
- D. flow control

Answer: Option A

Question 4: Which of the following summation operations is performed on the bits to check an error-detecting code?

- A. Codec
- B. Coder-decoder
- C. Checksum
- D. Attenuation

Answer: Option C

Question 5: Which of the following condition is used to transmit two packets over a medium at the same time?

- A. Contention
- B. Collision
- C. Synchronous
- D. Asynchronous

Answer: Option B

Question 6: Frames from one LAN can be transmitted to another LAN via the device

- A. Router
- B. Bridge

- C. Repeater
- D. Modem

Answer: Option B

Question 7: How many digits of the DNIC (Data Network Identification Code) identify the country?

- A. first three
- B. first four
- C. first five
- D. first six
- E. None of the above

Answer: Option A

Question 8: A station in a network forwards incoming packets by placing them on its shortest output queue. What routing algorithm is being used?

- A. hot potato routing
- B. flooding
- C. static routing
- D. delta routing
- E. None of the above

Answer: Option A

Question 9: Which of the following statements is true about bus topology?

- A. It is a point to point configuration
- B. It is not easy to reconfigure
- C. If the backbone link is broken then the network is not incapacitated
- D. It requires more cable as compared to mesh topology

Answer: Option A

Question 10: Which of the following processes is used for sending data along with the acknowledgement?

- A. Automatic Repeat Request
- B. Stop and Wait ARQ
- C. Go-Backn ARQ
- D. Piggybacking

Answer: Option D

Explanation: Since, the word piggybacking refers to carrying back an information. It is bi- directional.