程序(Wasia KT Wallace Lata networking 辅导

- 1. Which of the following layer in LoRa protocol stack is based on proprietary technology?
 - a) PHY
 - b) MAC
 - c) Network
 - d) Application



- 2. Duty cycle limit end devices to
 - a) Save the energy cost of network servers
 - b) Save the energy cost of application servers
 - c) Save the energy cost of galactics CSTUTOTCS
 - d) Increase the capacity of LoRa networks
- 3. LoRa gateways can decode the signals even in the received pover is below the roise floor because because
 - a) LoRa gateways are produced from novel materials with exceptional electromagnetic Email: tutorcs@163.com
 - b) LoRa uses ultra-wide bandwidth channels
 - c) LoRa spreads the power over all frequencies within the channel bandwidth as d) LoRa uses high transmission power
- 4. For a 500kHz channel, the frequency sweeping speed of a LoRa transmitter configured with SF=7 can except tps://tutorcs.com
 - a) 1 GHz/s
 - b) 2 GHz/s
 - c) 3 GHz/s
 - d) 4 GHz/s
- 5. For a 125kHz channel, a LoRa transmitter configured with SF=8 can send
 - a) $\sim 1024 \text{ sym/s}$
 - b) $\sim 512 \text{ sym/s}$
 - c) ~488 sym/s
 - d) $\sim 390 \text{ sym/s}$
- 6. Which of the following statements is incorrect?
 - a) Header is optional in LoRa packets
 - b) CRC is optional in LoRa packets
 - c) LoRa gateways are responsible for medium access control
 - d) LoRa network server is responsible for medium access control
 - e) None of these

7. Which of the following sprentints 写可能 故 CS编程辅导 a) Each LoRa chirp represents one or more symbols xed in a given LoRa payload b) Upchirps and dow c) LoRa preamble ps and downchirps d) In LoRa chirps, fr ponentially e) LoRa chirps alway est frequency of the channel 8. If SF is downgra a) Symbol duration is increased by a factor of 2 b) Symbol duration is decreased by a factor of 4 c) Data rate is increased by a factor of 2 d) Data rate is increas to be a factoral 4 CSTUTOTCS e) Frequency sweeping speed is increased by a factor of 2 9. If SF is upgraded Am Signment Project Exam Help a) Symbol duration is increased by a factor of 8 b) Power consumption of the client device is reduced significantly c) Message air-time is reduced high if that orcs @ 163.com d) Data rate is increased by a factor of 8 e) Data rate is decreased by a factor of 8 10. If there are three gateways within the range of a LoRa device, a) Only the gateway closest to the device would process the packets transmitted by the device b) All three gateways would proceed the packet received from the device c) All three gateways would transmit the ACK packets to this device d) Only the gateway farthest from the device would transmit an ACK packet for this device e) The gateways would coordinate to decide which gateway should act as the real gateway at

End of W8 Quiz

any given time