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NPTEL

Courses » Wireless Adhoc And Sensor Networks

Announcements   **Course**   Ask a Question   Progress

Unit 9 - Week 8

Course outline

How to access the portal
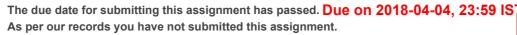
Week 1:

Week 2

Week 3

Week 4

Week 5

Week 6

Week 7

Week 8

○ Lecture 36: Underwater Sensor Networks- Part-IV

○ Lecture 37: Security of Wireless Sensor Networks- Part-I

○ Lecture 38: Security of Wireless Sensor Networks- Part-II

○ Lecture 39: Hardware Design of Sensor Node

● Lecture 40: Real Life Deployment of WSN

○ Week 8: Lecture Material

○ Feedback for week 8

Assignment Week 8

The due date for submitting this assignment has passed. **Due on 2018-04-04, 23:59 IST.**
As per our records you have not submitted this assignment.

1) Which of the following jamming attacks is time specific?   *1 point*

○ Constant jamming
○ Intermittent jamming
○ Deceptive jamming
○ Reactive jamming

No, the answer is incorrect.
Score: 0

Accepted Answers:
Intermittent jamming

2) The primary challenges of embedded operating system are   *1 point*

○ Small memory footprint
○ Efficient in power and computation
○ Lack hardware parallelism
○ All of these

No, the answer is incorrect.
Score: 0

Accepted Answers:
All of these

3) Advantages of Event-Driven Model operating system in WSN are   *1 point*

○ Concurrency with low resources
○ Complements the way networking protocols work
○ Inexpensive scheduling technique
○ All of these

No, the answer is incorrect.
Score: 0

Accepted Answers:
All of these

4) Example of Event-Driven Model operating system (OS) in WSN is   *1 point*

○ Mantis OS
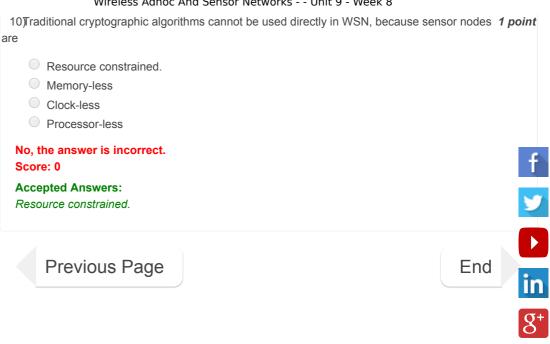○ RETOS
○ TinyOS
○ None of these

○ Quiz :
Assignment
Week 8

○ Solution Week 8

**DOWNLOAD
VIDEOS**

No, the answer is incorrect.
Score: 0

Accepted Answers:
TinyOS

5) A Bluetooth network consists of one primary device(s) and up to _____ secondary devices.   *1 point*

○ Five

○ Two

○ Seven

○ Nine

No, the answer is incorrect.
Score: 0

Accepted Answers:
Seven

6) Radar is one kind of _____ sensor   *1 point*

○ Passive

○ Active

○ Dead

○ None of these

No, the answer is incorrect.
Score: 0

Accepted Answers:
Active

7) One malicious node behaves like multiple nodes, this type of attack is known as   *1 point*

○ Byzantine attack

○ Sybil attack

○ DoS attack

○ Spoofing

No, the answer is incorrect.
Score: 0

Accepted Answers:
Sybil attack

8) The flash memory of microcontroller in a sensor node is used to   *1 point*

○ Hold a data base

○ Hold a data sheet only

○ Hold a program code

○ Hold program variables only

No, the answer is incorrect.
Score: 0

Accepted Answers:
Hold a program code

9) An example of Selective forwarding attack is: *1 point*

○ Forwarding attack

○ Sinkhole attack

○ Selectivity attack

○ None of these

No, the answer is incorrect.
Score: 0

Accepted Answers:
Sinkhole attack

10) Traditional cryptographic algorithms cannot be used directly in WSN, because sensor nodes *1 point* are

- ○ Resource constrained.
- ○ Memory-less
- ○ Clock-less
- ○ Processor-less

No, the answer is incorrect.
Score: 0

Accepted Answers:
Resource constrained.

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