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Courses » Wireless Adhoc And Sensor Networks

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# Unit 8 - Week 7



## Course outline

How to access the portal

Week 1:

Week 2

Week 3

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Week 6

Week 7

- Lecture 31: Congestion and Flow Control- Part- I
- Lecture 32: Congestion and Flow Control- Part- II
- Lecture 33: Underwater Sensor Networks- Part- I
- Lecture 34: Underwater Sensor Networks- Part- II
- Lecture 35: Underwater Sensor Networks- Part- III
- Week 7: Lecture Material
- Feedback for week 7
- Quiz : Assignment

## Assignment Week 7

The due date for submitting this assignment has passed. **Due on 2018-03-28, 23:59 IST**  
As per our records you have not submitted this assignment.

1) In Congestion Control, a bit can be set in a packet moving in the direction opposite to congestion in 1 point

- Implicit Signaling
- Backward Signaling
- Source Signaling
- Data Signaling

**No, the answer is incorrect.**

**Score: 0**

**Accepted Answers:**

*Backward Signaling*

2) There is no communication between congested node or nodes and source in the 1 point

- Implicit Signaling
- IP Signaling
- Source Signaling
- Data Signaling

**No, the answer is incorrect.**

**Score: 0**

**Accepted Answers:**

*Implicit Signaling*

3) In Congestion, formula to calculate Average Data Rate (ADR) is 1 point

- Amount of Data/Stream
- Amount of Data/Protocol
- Amount of Data/Time
- Packet

**No, the answer is incorrect.**

**Score: 0**

**Accepted Answers:**

*Amount of Data/Time*

4) In Congestion Control and Quality of Services, our main focus is on 1 point

- Data Protocol
- Data Layer
- Data Congestion
- Data Traffic

Week 7

Assignment  
Solution Week 7

Week 8

**DOWNLOAD  
VIDEOS**

**No, the answer is incorrect.**

**Score: 0**

**Accepted Answers:**

*Data Traffic*

5) \_\_\_\_\_ is the best suitable ranging technique among these? (Consider no time-synchronization among nodes.) **1 point**

- ToA (one-way message transfer)
- Euclidean distance propagation technique
- ToA (two-way message transfer)
- All of the above

**No, the answer is incorrect.**

**Score: 0**

**Accepted Answers:**

*ToA (two-way message transfer)*

6) For achieving network-wide localization, which are the important parameters for evaluating any localization algorithm? **1 point**

- Localization coverage
- Average localization accuracy
- Average energy consumption
- All of these

**No, the answer is incorrect.**

**Score: 0**

**Accepted Answers:**

*All of these*

7) Underwater mobility affects

**1 point**

- Topology
- Link between nodes
- Coverage
- All of these

**No, the answer is incorrect.**

**Score: 0**

**Accepted Answers:**

*All of these*

8) Which statement is true for UWSN

**1 point**

- High spatio-temporal variability of communication channel
- Less transmission power required
- No memory required for data caching
- None of these

**No, the answer is incorrect.**

**Score: 0**

**Accepted Answers:**

*High spatio-temporal variability of communication channel*

9) The UWSN network could be

**1 point**

- Star topology
- Cluster topology
- Mesh topology
- All of these

**No, the answer is incorrect.**

**Score: 0**

**Accepted Answers:**



All of these

10) No. of reference points required for localizing a node in 3D coordinate systems is \_\_\_\_\_. **1 point**

- 4
- 3
- 5
- None of these

**No, the answer is incorrect.**

**Score: 0**

**Accepted Answers:**

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