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NPTEL

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Courses » Wireless Adhoc And Sensor Networks

Announcements **Course** Ask a Question Progress

Unit 3 - Week 2



Course outline

How to access the portal

Week 1:

Week 2

Lecture 6: MAC Protocols in MANETs- Part- I

Lecture 7: MAC Protocols in MANETs- Part- II

Lecture 8: Routing in MANETs- Part- I

Lecture 9: Routing in MANETs- Part- II

Lecture 10: Routing in MANETs- Part- III

Week 2: Course Material

Quiz : Assignment Week 2

Assignment Solution Week 2

Week 3

Week 4

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Week 6

Week 7

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Assignment Week 2

The due date for submitting this assignment has passed. **Due on 2018-02-21, 23:59 IST**
As per our records you have not submitted this assignment.

1) RTS/CTS period is called

1 point

- Waiting period
- Contention period
- Running period
- None of these

No, the answer is incorrect.

Score: 0

Accepted Answers:

Contention period

2) Existing MAC protocols cannot be used in MANETs because of --

1 point

- Resource constrained nodes
- Limited bandwidth
- Lack of centralized control
- All of the above

No, the answer is incorrect.

Score: 0

Accepted Answers:

All of the above

3) FPRP is a --

1 point

- Synchronous and contention based protocol
- Asynchronous and contention based protocol
- Contention based protocol without reservation mechanism
- Contention based Protocols with scheduling mechanism

No, the answer is incorrect.

Score: 0

Accepted Answers:

Synchronous and contention based protocol

4) In MACAW, Data Sending (DS) frame is of size

1 point

- 120 Bytes
- 30 Bytes
- 23 Byte
- 35 Byte

DOWNLOAD
VIDEOS

No, the answer is incorrect.

Score: 0

Accepted Answers:

30 Bytes

5) Which is a hybrid routing protocol:

1 point

- DSR
- AODV
- ZRP
- None of the above

No, the answer is incorrect.

Score: 0

Accepted Answers:

ZRP

6) An example of mesh-based routing protocol is:

1 point

- QAMNET
- QMR
- ODMRP
- All the above

No, the answer is incorrect.

Score: 0

Accepted Answers:

All the above

7) When a group of nodes are required to contact, which type of the following routing is useful? **1 point**

- Multicast
- Unicast
- Broadcast
- None of these

No, the answer is incorrect.

Score: 0

Accepted Answers:

Multicast

8) Join query and join reply are used by which of the following multicast routing protocol?

1 point

- ODMRP
- QAMNET QMR ZMR
- QMR
- ZMR

No, the answer is incorrect.

Score: 0

Accepted Answers:

ODMRP

9) The routing scheme which use both the mask and destination address as 0.0.0.0 is:

1 point

- Network-specific
- Default
- Host-specific
- None of the above

No, the answer is incorrect.

Score: 0

Accepted Answers:

Network-specific



10MARCH exploits the properties of _____ antennas and overhearing properties of MANETs.

1 point

- Single directional
- Bi-directional
- Omnidirectional
- None of these

No, the answer is incorrect.

Score: 0

Accepted Answers:

Omnidirectional



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