Assignment Week 4

The due date for submitting this assignment has passed. Due on 2018-03-07, 23:59 IST.
As per our records you have not submitted this assignment.

1) UAV-SDN aims to achieve –
   - Autonomous UAV control
   - Remote UAV control
   - Remote control and configuration of network of UAVs
   - Swarm of UAVs

   No, the answer is incorrect.
   Score: 0
   Accepted Answers:
   Remote control and configuration of network of UAVs

2) What does the presence function in a time-varying graph indicate?
   - Whether or not a given node was present at a given location at a given time instant
   - Whether or not it belongs to the cut set
   - Characterizes a node via which all communication must pass
   - Whether or not a given edge was present at a given time instant

   No, the answer is incorrect.
   Score: 0
   Accepted Answers:
   Whether or not a given edge was present at a given time instant

3) What does a Protocol Translation Unit do?
   - Allows two different routing protocols to communicate
   - Allows devices with heterogeneous MAC layers to communicate
   - Provides backward compatibility to older versions of a given protocol
   - Collects messages from highly mobile nodes similar to throwboxes

   No, the answer is incorrect.
   Score: 0
   Accepted Answers:
   Allows two different routing protocols to communicate

4) Which is not a typical requirement for reputation/trust management schemes for OMNs, in general?
   - Tamper-proof hardware
   - Huge network bandwidth
   - Use of cryptographic hashes
   - Presence of certifying authorities

   No, the answer is incorrect.
   Score: 0
   Accepted Answers:
   Allows two different routing protocols to communicate
OMNs are very similar to MANETs in the sense that they both lack in network infrastructure. However, their primary difference is the lack of _____.

- End-to-end communication
- Storage
- Processing power
- All of these

Multi-UAV systems have preferably ___________ antennas, whereas single UAV systems have omni-directional antennas.

- Omni-directional
- Bi-directional
- Directional
- None of these

Similar to vehicular networks, which are termed VANETs, UAV networks are popularly termed as:

- UANETs
- FANETs
- WINETs
- All of these

Yaw, Pitch and Roll values are determined from which sensor?

- Accelerometer
- Gyroscope
- Magnetometer
- Barometer

An UAV SDN implementation encompasses data and ________ planes of communication.
10. In ProPHET, the use of ___ allows to update the contact probability with a node with whom there has been no contact lately

- Paging
- Aging
- Indexing
- Casing

No, the answer is incorrect.
Score: 0
Accepted Answers: Aging