Assignment

SUBJECT:Mobile Computing

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Question 1 :

Answer: The main difference between adhoc and infratruscture network is that in infrastucture networks it consist nodes and access points the infrastructure mode requires a centrel access point that all the devices are connected .

Question 2 :

Answer: The proactive routing protocol is used for information updating in networks while the reactive routing protocol determine the structure of protocol.The adhoc network is temporary network without any form of centralization.the adhoc network quickly changes of network topology making routing in MANETS task.this means that we need a routing protocol that quickly adopts the the topology changes.with this protocol try to minimize control traffic such as periodic update messages.

Question 4 :

Answer: When a request messages reaches the destination that has route info to the destination. The node send route reply destination contain the path info to the source back. Another is route maintenance. So it is the mechanism in which sender s of a packet detects topology changes that render unless its route to the destnation d.

Question 5 :

Answer: Source routing also called path addressing.it allow sender a packet partially or completely specify the route the packets take through the network.in conventional routing.routers in the network show the path based of destination.

Question 7: What are the fuctions of sequence numbers in AODV?

Answer: The functions of sequence numbers in aodv is different from other on demand routing protocol in that. It determine path to distination.whenever entry happens in the routing table associated with sequence number.so the the seq num reacts as route times stamp ensuing the freshness of route.