B.E. Computer Science & Engineering Seven Semester
CSE7054 - Elective-II : Ad-Hoc Network

P. Pages : 1

Time : Three Hours

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Max. Marks : 80

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Notes : 1. All questions carry equal marks.
2. Diagrams should be given wherever necessary.

1.	a)	Differentiate cellular and Ad Hoc wireless Network.	**8**
	b)	What are the applications of wireless Ad Hoc Network.	**8**

OR

2.	a)	Discuss Design goals of MAC protocol.	**8**
	b)	Explain Ad Hoc wireless Internet with neat sketch.	**8**
3.	a)	Discuss various issues in designing routing protocol for Ad Hoc wireless Networks.	**8**
	b)	Explain Table driven routing protocol.	**8**

OR

4.	a)	Explain DSR with example.	**8**
	b)	Explain on-Demand routing protocol in detail.	**8**
5.	a)	Discuss the various issues in designing multicast routing protocol.	**8**
	b)	Write a note on ODMRP.	**8**

OR

6.	a)	Explain Tree based multicast routing protocol.	**8**
	b)	Describe Mesh-Based multicast routing Protocol.	**8**
7.	a)	Discuss feedback based TCP and. TCP with explicit link failure notification.	**8**
	b)	Discuss the various operations of multicast routing protocol.	**8**

OR

8.	a)	Explain various network security attacks.	**8**
	b)	Write a note on following.	**8**
		i) Key management.	
		ii) Secure Routing.	
9.	a)	Explain various challenges of Quality of service.	**8**
	b)	Describe Quality of service framework with neat sketch.	**8**

OR

10.	a)	What is need of energy management in Quality of service.	**8**
	b)	Explain battery management.	**8**

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