Max. Marks:100

## Note: Answer any FIVE full questions.

1	a.	Explain briefly about design issues and constraint in mobile adhoc network?	(10 Marks)
	b.	Explain with a neat diagram IEEE 802.11 Architecture and its layers.	(10 Marks)
		a supprise	(10 Marks)
2	a.	Explain localized routing protocols.	(07 Marks)
	b.	Briefly explain clustering-based flooding.	(07 Marks)
	C.	Explain sources of errors in location discovery.	(06 Marks)
		i albee very.	(00 Marks)
3	a.	Discuss why the Internet Protocol (IP) layer for mobile routing.	(06 Mayles)
	b.	What are the typical design goals for adhoc network routing protocols?	(06 Marks) (06 Marks)
	C.	What is Proactive Approach? Explain destination sequenced distance vec	tor routing
		protocol.	
			(08 Marks)
4	a.	What are three basic strategies for network layer power saving protocol?	(06 Mayles)
	b.	Write a note on Geographic Adaptive Fidelity (GAF).	(06 Marks) (04 Marks)
	C.	Explain three boundary policies widely used by the wireless and MANE	(04 Marks)
		modelers.	(10 Marks)
			(10 Marks)
5	a.	Explain formal mechanism to protocol interaction.	(10 Marks)
	b.	Briefly discuss examples of path problems.	(10 Marks)
			(10 Marks)
6	a.	Briefly discuss applications of sensor networks.	(10 Marks)
	b.	Briefly explain examples of category 1 WSN, applications.	(10 Marks)
			(10 Marks)
7	a.	Explain sensor parameters (measuriands).	(06 Marks)
	b.	Explain design constraints or requirements for WSNs and WNs.	(05 Marks)
	c.	What are requirements of wireless network?	(04 Marks)
	d.	Explain sensors networks five basic software subsystems.	(05 Marks)
			(001111115)
8		Write short notes on:	
	a.	Performance Requirements	
	b.	Common protocols	
	C.	Schedule-Based protocols	
	d.	Random Access-Based Protocols	(20 Marks)
			,

Important Note: 1. On completing your answers, compulsorily draw diagonal cross lines on the remaining blank pages.

2. Any revealing of identification, appeal to evaluator and /or equations written eg, 42+8 = 50, will be treated as malpractice.