Printed Pages - 4

Roll No.:

322849(22)

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B. E. (Eighth Semester) Examination, 2020

(New Scheme)

(CSE Engg. Branch)

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Time Allowed: Three hours

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Maximum Marks: 80

Minimum Pass Marks: 28,

Note: Attempt all questions. Part (a) is compulsory.

Attempt any two parts of three i.e. (b), (c) and (d).

- 1. (a) What is Channel Model?
 - (b) Define Wireless Communication Network. Also explain the generations of wireless communication standard.

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		[2]			[3]	
	(c)	Write short technical notes:	7		(d) Write short technical notes that day a manage 1 (b)	7
		(i) Multipath propagation			(i) Frequency reuse	
٠		(ii) Coverage extension			(ii) Mobility management	
2028		What is channel correlation function? Also explain		4.	(a) What is Traffic Calculation?	2
		large scale path loss & shadowing.	7		(h) What is Mahility Managamant and In wireless	
	2. (a)	What is OFDA?	2		(b) What is Mobility Management and In wireless network? Explain.	7
	(b)) What is Digital Modulation? Explain MPSK, MSK and GMSK.	7		(c) What is Handoff Management & also explain location management for cellular network & PCS network?	7
	(c)	What is Power Spectral Density? Explain probability			(d) Write short technical notes:	7
		of Transmission Error.	7		(i) Multiple Access Technique	
	(d)) Write short technical notes :	7		(ii) Carrier Sense Multiple Access (CSMA)	
		(i) Signal space		5.	(a) What are the entities of Mobile IP?	2
		(ii) Decision region	- 6	(b) ·	(d) Differentiate an adhoc network and a cellular network	
	3. (a)) What is Sectoring?	2		with respect to:	7
	(b)	Explain in detail about Cell Cluster.	7		(i) Bandwidth usage	
	(c)	Explain in detail about co-channel & adjacent channel			(ii) Cost effectiveness	
		interference.	7		(c) Explain the Mobile IP session intiation protocol for	
		322849(22)			IP Pocket delivery in Mobile IP Networks. 322849(22) PT	7

(d) Explain with neat diagram and example the destination sequence distance vector routing algorithm of Adhoc Network.

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(b) What to Modelity Managament and In warriess

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nianagement for cellular nerworks of PCS nerworks

(d) Write short technical nates

Multiple Access Technique

(ii) Currier Sunsa Multiple-Accoust (CSAIA)

5. (a) What are the entities at Mebile IP

(No.) Add Differentiate an adhor network and a salialar network, with respect to

(i) Bandwight assign,

(ii) Line efficilivenes

(c) Espinio the Mobile IP session intuition protocol for IP Pooker delivery in Mobile IP Networks