USN

Third Semester MCA Degree Examination, Dec.2013/Jan.2014

Computer Networks

Max. Marks: 100

	•	VICE/CC 1
me: 3 hrs.	Note: Answer any FIVE full questions.	
b. Define mu	SI network architecture with a suitable diagram, compare it with a suitable diagram, compare it with a striplexing. Explain frequency division multiplexing. see internet protocol graph.	(05 WIRTES)
a. Encode th	ne following using i) NRZ, ii) NRZ-I, iii) Manchester Encod	ling: (06 Márks)
a. Encode the following using 9		(10 Marks)
1. Evalain S	SONET frame format. you mean by last mile links?	(04 Marks)
		(10 Marks)
3 a. Explain	the concept of stop and wait protocol with diagram. FDDI physical properties with its frame format.	(10 Marks)
		(10 Marks)
4 a. Explain switching source routing with three approaches.b. Briefly explain the spanning tree algorithm.		(10 Marks)
		(06 Marks)
5 a. What do you mean by sub netting?		(08 Marks)
b Explain	Interdomain Routing (BOF) in detail.	(06 Marks)
	n ARP frame format.	(10 Marks)
6 a. Explai	in the distance vector algorithm, with an example. In the IPV $_6$ Packet header with a diagram.	(10 Marks
		(08 Marks
en to make	in the concept of three way hand shake.	(06 Mark
7 a. Expla	in UDP header format.	(06 Mark
b. Expla c. Expla	ain DNS.	
8 Write	e short notes on the following:	
a. wi-fi	(802.11)	
	ail & WWW	(20 Mar
c. VO		(** · · · · · · · · · · · · · · · · · ·
d. Ren	note login	