USN

17CS46

(08 Marks)

(08 Marks)

(04 Marks

(08 Marks)

(05 Marks

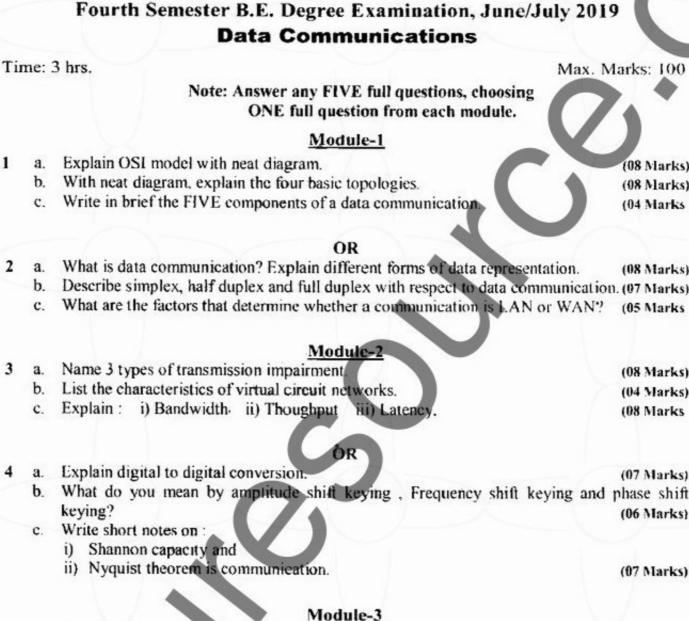
(08 Marks)

(04 Marks)

(08 Marks

(07 Marks)

Max. Marks: 100



Describe channelizing protocol.

Protocol?

(06 Marks) (07 Marks) Module-3 How does a single bit error differ from burst error? (04 Marks) (07 Marks) c. Explain why collision is an issue in Random Access Protocol but not in Controlled Access (09 Marks OR a. Explain 10 Gigabit Ethernet implementation. (08 Marks) b. What are the advantages of dividing Ethernet LAN with bridge? (06 Marks) Define spread spectrum technique used by bluetooth. (06 Marks) Explain the advantages of IPV6 compared to IPV4. (06 Marks) Describe 3 security issues that are applicable to IP protocol. (08 Marks) Which protocol is the carrier of the agent advertisement and solicitations messages? (06 Marks) I of 2

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.

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OR

8	a.	What are the different types of extension headers in IPV4? Explain.	(06 Marks)
	Ь.	Explain the benefits of renumbering and auto configuration.	(07 Marks)
	c.	Distinguish between compatible and mapped address and explain their application	ns.

Module-5

a.	Explain various components of cellular system with neat diagram	(06 Marks)
b.	What is mobile IP? Explain three phases for communication in Mobile IP.	(08 Marks)
c.	Explain various ICMPV6 messages.	(06 Marks)

OR

10	a.	Describe three ways to make transition from IPV4 to IPV6.	(06 Marks)
	b.	What is cellular telephony? Explain third generation of 3G of cellular telephony.	(06 Marks)
		Explain the three categories of satellites.	(08 Marks

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