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Reg. No: ☐☐☐☐☐☐☐☐☐☐☐☐

SIDDHARTH INSTITUTE OF ENGINEERING & TECHNOLOGY:: PUTTUR
(AUTONOMOUS)
B.Tech III Year II Semester Supplementary Examinations Dec 2019
COMPUTER NETWORKS
(Computer Science & Engineering)

Time: 3 hours   Max. Marks: 60

(Answer all Five Units **5 x 12 = 60** Marks)

UNIT-I

1	a	Explain the ISO-OSI model of computer network with a neat diagram.	8M
	b	Compare TCP/IP Model with OSI Model.	4M

OR

2	a	Explain about the Guided transmission Medias in computer networks.	6M
	b	Briefly explain about the public switched telephone networks.	6M

UNIT-II

3	a	Discuss stop and wait protocol.	6M
	b	Explain about the Carrier Sense Multiple Access Protocols.	6M

OR

4		Discuss sliding window protocol using Go back n.	12M

UNIT-III

5	a	Explain about the Routing Algorithms.	7M
	b	Explain packet switching in detail.	5M

OR

6	a	State the major difference between Distance Vector Routing and Link State Routing.	7M
	b	Explain about Inter-network Routing.	5M

UNIT-IV

7		Explain in detailed about the TRANSPORT LAYER.	12M

OR

8	a	List and discuss the states used in the TCP connection management finite state machine.	6M
	b	Write short notes on UDP.	6M

UNIT-V

9		List and discuss the types of DNS records.	12M

OR

10	a	Explain E-Mail in Details.	7M
	b	Explain WWW.	5M

*** END ***