

Reg. No:

--	--	--	--	--	--	--	--	--	--

SIDDHARTH INSTITUTE OF ENGINEERING & TECHNOLOGY:: PUTTUR
(AUTONOMOUS)
MCA II Year I Semester Regular Examinations Nov/Dec 2019
COMPUTER NETWORKS

Time: 3 hours

Max. Marks: 60

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

UNIT-I

1 Write about TCP/IP reference model? 12 M

OR

2 Explain Collision free protocols with examples? 12 M

UNIT-II

3 What is Routing Algorithm? Describe the Shortest Path Routing Algorithm? 12 M

OR

4 What is Congestion Control? Explain principals and Polices of Congestion Control? 12 M

UNIT-III

5 Write about Tunneling and Fragmentation with examples? 12 M

OR

6 Write about internet protocols? 12 M

UNIT-IV

7 Describe about crash recovery in transport layer? 12 M

OR

8 Explain two internet transport protocols? 12 M

UNIT-V

9 a Explain about SMTP. 6 M

b Explain about MIME. 6 M

OR

10 Explain about RSA. 12 M

*** END ***