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SIDDHARTH INSTITUTE OF ENGINEERING & TECHNOLOGY:: PUTTUR
(AUTONOMOUS)
MCA I Year II Semester Regular Examinations November-2021
COMPUTER NETWORKS

Time: 3 hours

Max. Marks: 60

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

UNIT-I1 Distinguish between TCP/IP and OSI model. L4 12M

OR

2 a What is Elementary data link protocols. L1 6Mb Explain about TDM? L1 6M**UNIT-II**3 Explain shortest path routing. L2 12M

OR

4 Explain distance vector routing algorithm. L2 12M**UNIT-III**5 a What is Fragmentation? L1 6Mb Explain the detailed about types of Fragmentation. L1 6M

OR

6 Explain details about Internet control protocols? L2 12M**UNIT-IV**7 Explain three way handshaking for connection establishment in TCP. L2 12M

OR

8 How does UDP differ from TCP? List the applications of UDP L1 12M**UNIT-V**9 Explain in details about Network management system. L2 12M

OR

10 Describe importance of DNS in Application Layer. L2 12M

*** END ***