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SIDDHARTH INSTITUTE OF ENGINEERING & TECHNOLOGY:: PUTTUR
(AUTONOMOUS)
MCA I Year II Semester Supplementary Examinations May-2022
COMPUTER NETWORKS

Time: 3 hours

Max. Marks: 60

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

UNIT-I

- 1 a What do you mean by sliding window protocol? L1 6M
 b Distinguish between Go-back-N protocol and selective repeat protocol. L4 6M

OR

- 2 List out and explain the design issues of data link layer. L1 12M

UNIT-II

- 3 Explain detailed about Flooding & Broadcast Routing Algorithms. L2 12M

OR

- 4 Explain the prevention policies of congestion. L2 12M

UNIT-III

- 5 a What is multicasting? L1 6M
 b Discuss about multicasting techniques & protocols. L6 6M

OR

- 6 What is ATM? Describe detail about ATM? L1 12M

UNIT-IV

- 7 a What are the functions of transport layer? L1 6M
 b State transport service primitives. L1 6M

OR

- 8 a Write short notes on Transport layer. L1 6M
 b How Transport layer supports the connections establish, releasing connection, flow control, buffering & crash recovery? L1 6M

UNIT-V

- 9 a What is a name server? L1 6M
 b Explain the features of various name servers. L1 6M

OR

- 10 Describe details about Traditional applications. L2 12M

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