R16

Reg. No: | | | | | | | | | | |

SIDDHARTH INSTITUTE OF ENGINEERING & TECHNOLOGY:: PUTTUR
(AUTONOMOUS)
M.TECH I Year II Semester (R16) Regular Examinations June 2017
(Computer Science & Engineering)
DISTRIBUTED SYSTEMS

(For Students admitted in 2016 only)

Time: **3 hours**   Max. Marks:**60**

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

UNIT-I

1   Explain about Group Communication in detail?   12M

OR

2   a) What is Marshaling and data representation?   6M

         b) Explain in detail about COBRA's CDR.   6M

UNIT-II

3   Explain implementation of RMI in detail?   12M

OR

4   Explain communication protocols in Remote Procedure Call?   12M

UNIT-III

5   a) Explain about Mounting.   6M

         (b) Write short notes on stateless server.   6M

OR

6   a)Explain Domain Name System.   6M

         b) Write about Name, address and attributes of Name Services.   6M

UNIT-IV

7   a) Explain about Network Time Protocol.   6M

         b) Write short notes on Drifting of clock.   6M

OR

8   Explain in detail about Ring Algorithm in Election.   12M

UNIT-V

9   Write about Design issues of Distributed Shared Memory.   12M

OR

10   Explain in detail the COBRA architecture and services provided by COBRA.   12M

*** END ***