

**SHREE SATHYAM COLLEGE OF ENGINEERING AND TECHNOLOGY,
SANKARI-637301.**

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
INTERNAL ASSESSMENT- I**

III YEAR/VI SEM

SUB CODE/NAME: CS8603/DISTRIBUTED SYSTEMS

MAXIMUM:50 MARKS

DATE:02/05/2022 (AN)

HOURS:1.30 Hrs

Part-A

Answer any five questions

5 x 2 =10

1. What are the significance of distributed system?
2. What are the three components of security?
3. What is the use of multicast?
4. Define IDL.
5. List the main types of architectural model?
6. Draw the Middleware Architecture.

Part- B

Answer any two questions

2 x 13 =26

1. Define distributed systems. What are the significant issues and challenges of the distributed systems?
2. Enlighten the examples of distributed systems.
3. Explain in detail about asynchronous execution with synchronous communication.
4. How casual order and total order in implemented in Synchronization?

Part- C

Answer any one questions

1 x 14 =14

1. Explain in detail about the trends in distributed systems.
2. Explain Logical time and logical clocks. Logical time and logical clocks.

Question Paper setter

HOD

Dean

Principal

*****ALL THE BEST *****