

Total No. of Questions : 4]

SEAT No. :

P5031

[Total No. of Pages : 1

[6187]-431

T.E. (Computer Engineering) (Insem)

DISTRIBUTED SYSTEMS

(2019 Pattern) (Semester - I) (310245 (C)) (Elective - I)

Time : 1 Hour]

[Max. Marks : 30

Instructions to the candidates:

- 1) Answer Q.1 or Q.2, Q.3 or Q.4.
- 2) Neat diagrams must be drawn wherever necessary.
- 3) Figures to the right indicate full marks.
- 4) Assume suitable data, if necessary.

- Q1)** a) What is Distributed System? Give its applications. [4]
b) Differentiate between Centralized and Decentralized Systems. [5]
c) Explain different Architectural styles in detail. [6]

OR

- Q2)** a) Write short note on [4]
i) Wrappers
ii) Interceptors
b) Explain High Performance Distributed Computing. [5]
c) Explain Network File System Architecture in detail. [6]

- Q3)** a) What is Communication in Distributed Systems? [4]
b) What is DCE Remote Procedure Call? Explain with example. [5]
c) Explain Flooding-Based Multicasting in detail with example. [6]

OR

- Q4)** a) Write short note on Advanced Transient Messaging. [4]
b) Explain the concept of Remote Method Invocation in communication. [5]
c) Explain Message Oriented Persistent Communication in detail with example. [6]