St. Thomas’ College of Engineering & Technology

**B.Tech. 7th Semester, Assignment (Internal), Sep 2018**

**Distributed Operating System (CS704A)**

# Full Marks : 30 Time : 1½ Hour.

1. Discuss in detail about the different system architecture types for the Distributed System. (5)
2. Discuss in detail about the different issues to be dealt with in case of designing a Distributed OS. (10)
3. Discuss the concept of RPC with the help of a neat diagram and also discuss the need of a Binding Server. (5)
4. Discuss the concept of Lamport’s Logical Clock in detail with the help of valid examples & also discuss about its limitations. (10)

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| **OUTCOME BASED EDUCATION (OBE)** | | | | |
| **CO mapping With Bloom’s Level** | | | | |
| **Question No.** | **Q1** | **Q2** | **Q3** | **Q4** |
| **Course Outcome** | **C405.1** | **C405.1** | **C405.2** | **C405.3** |
| **Bloom’s Level (in fig)** | **6** | **6** | **6** | **6** |