J-1004
B.TECH. (Computer Science)
6TH Semester Examination 2023-24
CONCURRENT SYSTEM

Paper Code: BTCS-64   **Max Marks** : 100
                                                 Min Marks : 30

Attempt all (objectives type question) from Section 'A'. Attempt any 3 (Three) questions (Long answer type question) from section B. Each answer should be approx 100 words.

SECTION A

Q.1 TLA stands for…………………………………………………………………

Q.2 CCS stand for ………………………………………………………………….

Q.3 What is reactive system?

Q.4 FSP stands for ………………………………………………………………...

Q.5 SOA stands for ……………………………………………………………………

SECTION – B

1. Explain strict 2 phase locking and describe how to apply it.

2. Explain Labelled transition system.

3. What is communication protocol with their application in concurrent system?

4. Describe message passing system in asynchronous processes.

5. What are the examples of communication between two process?