**Portions for CT2**

1. Unit – I I

**(Exclude IPC)**

**Question paper Pattern (Total marks : 50 )**

**Part – B : (5 \* 4 : 20 marks) [ out of 6 questions, 5 questions must be answered]**

**Part- C : (15 \*2 :30 marks) [ 2 question to be answered , either or type ]**

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**UNIT II-PROCESS MANAGEMENT**

**Processes-Process Concept, Process Scheduling, Operations on Processes,** Interprocess Communication; **Threads- Overview, Multicore Programming, Multithreading Models**; **Process Synchronization-Critical Section Problem, MutexLocks, Semophores, Monitors; CPU Scheduling and Deadlocks**

Chapters for study from Abraham silbershatz ( 9th edition )

* **Unit 2 :**

Chapter 3 Processes (3.1,3.2,3.3)

Chapter 4 :Threads (4.1, 4.3) – Self study topic

Chapter 5 Process Synchronization(5.1, 5.2, 5.3,5.4,5.5,5.6,5.7,5.8 (till 5.8.2)

Chapter 6 CPU Scheduling (6.1,6.2,6.3)

Chapter 7 DeadLocks (7.1, 7.2, 7.3,7.4,7.5,7.6,7.7)

\*\*\*\*Prepare with understanding through practice. All the Best\*\*\*\*\*