University IMP Questions (Module 4,5 and 6)

1. Justify how ricart- Agrawalas algorithm optimized the message overhead In achieving mutual exclusion.

2. Brief the different load estimation policies and process transfer policies used by Load balancing algorithm.

3. Discuss the need of process migration and the role of resource to process and process to resource binding in process migration.

4. Write short note on a. File cashing system   b. Load balancing technique

5. Compare and contrast Task Assignment, Load Balancing and Load sharing approaches.

6. Define various pipeline performance issues.

7. State the desirable feature of global scheduling algorithm.

8. Explain the need of client centric consistency models as compared to data centric consistency model. Explain any two client centric consistency model.

9. Andrew File system

10. Raymonds Tree Based algorithm

11. Code migration.