

ASSIGNMENT V QUESTIONS UNIT V

PART A

1. What is process migration?
2. What are the main advantages of using threads instead of multiple processes?
3. Define critical region.
4. Mention the types of mutex variables.
5. What are the features of global scheduling algorithm?
6. What are the issues in designing load balancing algorithm.
7. State the differences between the static and dynamic load balancing algorithms.
8. State the differences between the deterministic and probabilistic load balancing algorithms.

PART B

1. What are the Address Transfer and Message forwarding mechanisms available for process migration?
- 2 Discuss the issues related to thread programming, thread lifetime, thread synchronization, scheduling and implementation.
2. Describe in detail about the task assignment approach?
3. Discuss in detail about the load balancing and load estimation approaches in distributed systems.