SECTION–A

1. What is Distributed System ? What are its Advantages ?

2. What is the importance of CPU scheduling algorithm ? Explain any two such algorithms.

SECTION–B

3. What is a Semaphore ? Explain its use with an example.

4. Explain the concept of swapping with diagram.

SECTION–C

5. Explain demand paging.

6. Why do we need disk and disk scheduling algorithm ? What is disk reliability ?

SECTION–D

7. What is a deadlock ? How does it occur ? What can we do to handle it?

8. Explain the concept of deadlock avoidance.