Govt.Women Engineering College Ajmer (I Mid Term Assessment)

VIII Sem CS (A & B)   Sub- Real Time System   Max.Marks-20   duration- 1hr.

Model Answer Sheet

Q.1 Explain general structure of cyclic schedules. (5)
 Answer:
Refer Book : Real time system by Jane WS Liu
Page No. 88 to 90   Chapter : 5
Note: Detail explanation of frame and major cycle, frame size constraint and Job slices.

Q.2 Describe Rate monotonic algorithm with suitable example.   (5)
Answer:
Refer Book : : Real time system by Jane WS Liu
Page No. 118 to 119   Chapter: 6
Note: Detail algorithm with suitable example

Q.3 Explain Deadline monotonic algorithm in detail. (5)
Answer:
Refer Book : : Real time system by Jane WS Liu
Page No. 119   Chapter:6
Note: Detail algorithm with suitable example

Q.4 Write a technical note on:

   fixed-priority versus dynamic-priority algorithms (5)
   Answer:
   Refer Book : : Real time system by Jane WS Liu
   Page No. 117   Chapter :6
   Note: Differentiate both the mention algorithm regarding priorities assigned to jobs.

                       OR

       Optimality of RM and DM algorithm (5)
   Answer:
   Refer Book : : Real time system by Jane WS Liu
   Page No. 129 to130   Chapter :6
   Note : Detail explanation of optimality about RM and DM algorithm.