Operating Systems & System Software (System)

31.10.2007

OSSS 03

Note : All questions are compulsory.

Q1. Write shortnote on any three of the following :   (3×3=9)

(a) GUI
(b) Round Robin Scheduling
(c) Paging & Segmentation
(d) Multi-threading

Q2. Define the essential properties of the following Operating system :   (3×3=9)

(a) Batch
(b) Real time
(c) Time sharing

Q3. Describe the different types of memory. What is memory management ?
Define the functions of memory management.   (8)

Q4. What is fragmentation ? What are its types ? How does it occur ?   (6)

Q5. What are merits and demerits of SJF policy ?   (6)

Q6. Explain the different services provided by operating system ?   (6)

Q7. Define the various process states with the help of block diagram.   (6)