



( 2 )

**Unit-II**

2. (a) Explain about multithreaded operating system.
- (b) Discuss about multiprocessor and distributed process.
- (c) Write short notes on the following :
  - (i) Virtual 8086 mode
  - (ii) Client server architecture

**Unit-III**

3. (a) Describe about virtual memory architecture using in Pentium group processor.
- (b) What is shared memory ?
- (c) Describe transaction look a side buffers and its usage.

**Unit-IV**

4. (a) What is the use of device driver ? Explain dynamic loading and uploading of device drivers.
- (b) What is the use of device switch table ?
- (c) Write a note on driver code.

( 3 )

**Unit-V**

5. (a) Explain about v-node architecture.  
(b) Explain about distributed file system.  
(c) Explain about remote procedure call.
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