

AX-562

Seat No. \_\_\_\_\_

First Year B.C.A. (Sem. II) Examination

April / May - 2003

Operating System

Time : 3 Hours]

[Total Marks : 70

Instruction : Figure to the right indicates full marks.

- 1 Answer the following : 10
- (1) What do you mean by Multiprogramming.
  - (2) List the default directories of NOVELL Netware.
  - (3) What is the use of NTLDR in Window-NT ?
  - (4) What do you mean by Thread.
  - (5) Name the three Shells of UNIX.
  - (6) What do you mean by compile time.
  - (7) If one wants to know number of Novell Server connect to your Novell Netware Server, which command, do you use ?
  - (8) What information is stored in program counter Block of PCB.
  - (9) What is paging ?
  - (10) What do you mean by swapping.

- 2 (a) Discuss the evolutions of Operating System. 7
- (b) What is process state ? Explain state process in detail. 8

OR

- (a) Explain the booting process under DOS. 7
- (b) Explain Interrupt with its type and IVT. 8

- 3 (a) Discuss the variable partition memory allocation. Explain any one in detail. 8
- (b) Explain different operations that Operating System can perform on a file. 7

OR

- (a) What are the functions of storage management. 8
- (b) Explain trust relationship with its type in windows-NT. 7

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4 Do as Directed. (any five) 10

- (1) Explain PURGE in Novell Netware.
- (2) Explain IPX and in which Operating System it is used.
- (3) Explain default directories in Novell Netware.
- (4) Explain LS command of UNIX with its Switches.
- (5) What is the difference between NCOPY and COPY
- (6) Explain chmod commands of UNIX.

5 Write short notes (any four) 20

- (1) Paging Memory Scheme.
- (2) Virtual Memory
- (3) Ethernet
- (4) DEVICE DRIVER
- (5) TSR Program
- (6) Real Time System.