

OCT 2004

NM-508

Seat No. _____

First Year B. C. A. Examination

October - 2004 ✓

Operating System - 203

(New Course)

Time : 3 Hours]

[Total Marks : 70

Instruction : Figures to the right indicate full marks.

1 Answer the following question :

10

- (1) What is the primary goal of operating system ?
- (2) What do you mean by kernel ?
- (3) What is Bios ? What is its importance ?
- (4) What information is stored in process control block of PCB?
- (5) What is the use of CHSDSK ?
- (6) What is multitasking ?
- (7) List the shells of Unix operating system.
- (8) Define system call.
- (9) Explain PURGE in Novell Netware.
- (10) List the protocols of Novell Netware.

2 (a) What is operating system ? Explain why operating system is said to be Resource Manager.

8

(b) Explain the One of the possible Solution to the external fragmentation.

7

OR

(a) What is process ? Explain process state in detail.

8

(b) Explain process control block in detail.

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3 (a) Write a note on Config. Sys. File. Explain any three Command of Config. Sys. 8

(b) Explain features of windows 2000. 8

OR

3 (a) Explain trust relationship with its types in window NT. 8

(b) Explain different operations that operating system can perform on file. 7

4 Do as directed. (any five). 10

(1) Explain TOUCH command.

(2) What are the functions of syscon in Novell Netware ?

(3) Explain Attrib Command in DOS.

(4) Explain Date Command of Unix.

(5) Explain rm Command with its options.

(6) Explain the difference between Ncopy and Copy.

5 Write short notes. (any four) 20

(1) TSR programs.

(2) Post. *tu*

(3) Paging *u*

(4) IVT

(5) IPX / SPX