



0402

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

October / November - 2005

203 - Operating System ✓

(New Course)

Time : 3 Hours]

[Total Marks : 70

सूचना : / Instructions :

(1)

नीचे दशावेष निशानावाणी विगतो उत्तरवली पर अवश्य वपनी.  
Fillup strictly the details of signs on your answer book.

Name of the Examination :  
B. C. A. - 2

Name of the Subject :  
OPERATING SYSTEMS.

Subject Code No. : 0 4 0 2 Section No. (1, 2,.....) : NIL

Seat No. [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ]

Student's Signature

- (2) Figures to the right indicate marks.
- (3) Draw the diagram wherever necessary.
- (4) Mention your choices clearly. Do not intermix options.

1 Answer following questions in short : 10

- (1) What is multitasking ?
- (2) What is shell ?
- (3) List out attributes of file.
- (4) What is process scheduling ?
- (5) Discuss ready queue.
- (6) What do you mean by paging ?
- (7) What is IVT ?
- (8) What is the role of Config.sys file in DOS OS ?
- (9) What is POST ?
- (10) What is primary domain controller in Windows NT ?

2 (a) Discuss how technology helped in gradual progress of operating system. 8

(b) Describe task control block in detail. 7

OR

MP-0402]

1

[Contd...

OCT/NOV 2005

- 23
- 2 (a) Explain real time system. 8  
(b) Explain process scheduling criteria. 7
- 10/10
- 3 (a) Discuss How Windows NT fulfill the requirements of client-server Programming. 8  
(b) Explain sequential and indexed sequential files. 7

OR

- 3 (a) Discuss single partition memory allocation with appropriate figures. 8  
(b) Explain POST in detail. 7
- 74/10
- 4 Answer in short : (any five) 10  
(1) Explain touch command.  
(2) Explain ls command with its options.  
(3) Differentiate COPY and NCOPY.  
(4) Explain rm command with its options  
(5) In UNIX which command is used to check your current directory ?  
(6) Which command is used to remove the file permanently, once deleted ?
- 5 Write short notes : (any five) 20  
13/4/1 (1) Deadlock  
(2) TSR  
(3) Device driver  
(4) Configuration files  
45/5 (5) Virtual Memory  
(6) Basic directory structure in Novell Netware.