

0609

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

May / June - 2005

Operating System : 203

(New Course)

Time : 3 Hours]

[Total Marks : 70

Instructions :

(1)

ಗಣಕ ವಿಭಾಗದ ಪರೀಕ್ಷೆ ಮತ್ತು ಕಾರ್ಯ. Mention below given details in Answer Book

Name of the Examination : F. Y. B. C. A. (Sem. II)

Name of the Subject : Operating System - 203

Subject Code No. : 0609 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 process ?
- (2) What is kernel ?
- (3) List out default directories of UNIX.
- (4) What type of OS is Windows 2000 ?
- (5) What do you mean by IVT ?
- (6) Which command of UNIX is a used list directory ?
- (7) What is deadlock ?
- (8) What is the role of MSDOS.sys file in DOS OS ?
- (9) What is POST ?
- (10) What is thread ?

2 (a) Explain process model. 8

(b) Explain time sharing system in detail with example. 7

OR

2 (a) What is PCB ? Explain in detail. 8

(b) Discuss the functions of file management. 7

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- 3 (a) Explain file system architecture. 8  
(b) Explain DOS disk architecture. 7

OR

- 3 (a) Explain Booting in UNIX. 8  
(b) Explain main features of Windows 2000 server. 7

4 Answer in short : (any five) 10

- (1) Discuss chmod command with example  
(2) Explain MAP command  
(3) Explain REVOKE command  
(4) Explain fork()  
(5) Explain USERLIST command of Novell Netware  
(6) What is the role of NTDETECT.COM file in Windows NT.

5 Write short notes : (any five) 20

- (1) Swapping  
(2) TSR  
(3) Process shedulers  
(4) Simple batch system  
(5) Windows 9x Vs. Windows NT  
(6) Explain process scheduling criteria.

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