

MAY/JUNE 2008



RE-1843

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

May/June – 2008

P-203 : Operating System

Time : 3 Hours]

[Total Marks : 70

Instructions :

(1)

नीचे हार्दिक निशानीवाणी विगतो उत्तरवही पर अवश्य लपनी.
Fillup strictly the details of signs on your answer book.

Name of the Examination :
First Year B.C.A. (Sem. 2)

Name of the Subject :
P-203 : Operating System

Subject Code No. : 1 8 4 3 Section No. (1, 2,....) : Nil

Seat No. :
0 0 0 3 9 9

S.P. Mistry
Student's Signature

- (2) Figures on right indicates marks.
(3) Do not interchange option.

1 Answer in short :

10

- (a) List out O. S. which are multitasking but not multiuser.
(b) Define Response Time.
(c) What is Job Scheduling ?
(d) What is Device Driver ?
(e) What is Kernel ?
(f) Define BIOS and give its importance.
(g) Give the name of user profile file in UNIX.
(h) What is API ? What is its importance ?
(i) Which information is stored in PCB ?
(j) List out the shells of Unix.

2 (a) Explain Time Sharing System in detail with example. 8

(b) Explain Internal Fragmentation and External Fragmentation. 7

OR

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- 2 (a) Explain process state in detail. 7
(b) What is variable partition memory allocation ? 8
✓ Explain any one.

- 3 (a) Explain different operation that O. S. can perform on file. 7
(b) Explain different directories of Unix. 8

OR

- 3 (a) What do you mean by virtual memory ? When page 7
✓ fault occurs ? Explain.
92 (b) Explain DOS Disk Architecture, FAT and Directory 8
Area of Disk.

- 4 Do as directed : (any five) 10
(a) Explain Date Command of Unix
(b) Which command is used to know number of user currently login in Unix.
(c) Explain ATTRIB command
(d) How one can view the file content in Unix and DOS ?
(e) Explain bc command.
(f) Explain Prompt Command.

- 5 Write short notes : (any five) 20
(a) Distributed System
(b) Process Schedulers
(c) Paging Memory Scheme
(d) Booting of DOS
(e) History of Unix
(f) Storage Management.