



SB-1423

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

March / April – 2011

203-Introduction To Operating System

Time : 3 Hours]

[Total Marks : 70

Instruction :

નીચે દર્શાવેલ નિશાનીવાળી વિગતો ઉત્તરવહી પર અવશ્ય લખવી.
Fillup strictly the details of signs on your answer book.

Name of the Examination :
F. Y. B. C. A. (Sem. 2)

Name of the Subject :
203-Introduction To Operating System

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

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

Student's Signature

- 1 Answer the following in brief : 14
- (i) Define operating system.
 - (ii) What do you mean by system call ?
 - (iii) Explain about msconfig file.
 - (iv) What is executable file ? Give two forms of binary executable file.
 - (v) What do you mean by multiprocessor system ?
 - (vi) What is Event Viewer ?
 - (vii) Explain security feature of UNIX in brief.

- 2 (a) Discuss evolution of an operating system. 7
- (b) Explain different file type and its operations supported by OS. 7

OR

- 2 (a) Write a note on different types of naming conventions of domain. 7
- (b) Write a note on real time operating system. 7

- 3** Answer any three : **15**
- (i) Write a note on creating MMC based console with snap-ins.
 - (ii) Explain directory structure in detail.
 - (iii) Discuss file access method in detail.
 - (iv) Explain various console modes of computer management window.
- 4** Attempt any three : **15**
- (i) Explain structure of UNIX.
 - (ii) Explain the purpose of following directories of UNIX
 - (a) bin
 - (b) etc
 - (c) dev
 - (d) root
 - (e) usr
 - (iii) Explain the need of an OS.
 - (iv) Explain advantages of distributed system.
- 5** (a) Explain the following in brief :
- (i) Explain chmod command with an example. **2**
 - (ii) Which command of UNIX is used to rename file ? **2**
Give an example.
 - (iii) Explain cat command with an example. **2**
 - (iv) Explain the command which is used to create **2**
directory in UNIX.
- (b) Explain windows administrative tools. **4**
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