



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.		Seat No. :	
Name of the Examination :		<input type="text"/>	
<input type="text" value="F. Y. B. C. A. (Sem. 2)"/>		<input type="text"/>	
Name of the Subject :		<input type="text"/>	
<input type="text" value="203-Introduction To Operating System"/>		<input type="text"/>	
Subject Code No. : <input type="text" value="1"/> <input type="text" value="4"/> <input type="text" value="2"/> <input type="text" value="3"/>		Section No. (1, 2,.....) : <input type="text" value="Nil"/>	
		<input type="text" value="Student's Signature"/>	

1 Answer the following in brief : 14

- Define operating system.
- What do you mean by system call ?
- Explain about msconfig file.
- What is executable file ? Give two forms of binary executable file.
- What do you mean by multiprocessor system ?
- What is Event Viewer ?
- 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

SB-1423]

1

[Contd...

- 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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