UA-3718

First Year B. C. A. (Sem. - II) Examination
March/April – 2012
Introduction to Operating Systems : Paper - I

Time : 3 Hours]   [Total Marks : 70

Instructions :

(1)

નીચે દર્શાવેલ ☛ નિશાનીવાળી વિગતો ઉત્તરવહી પર અવશ્ય લખવી.
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 :

☛ **INTRODUCTION TO OPERATING SYSTEMS - 1**

☛ Subject Code No. : | 3 | 7 | 1 | 8 | ☛Section No. (1, 2,.....) : | NIL |

Seat No. :

Student's Signature

(2) Figures on right indicate marks.
(3) Give the example when ever necessary.
(4) Do not interchange question.

1   Answer the following in short : (any **seven**)   14

    (1)   Which command is used to check your current directory ?

    (2)   What are attributes of file ?

    (3)   How to set environment variable on windows ?

    (4)   Which information is displayed in shared folder utility ?

    (5)   What do you mean by execution time ?

    (6)   What do you mean by multi tasking ? Give the name of operating systems having this feature ?

    (7)   What is primary goal of Operating system ?

    (8)   What is event viewer ?

    (9)   Explain different file type.

    (10)   What do you mean by block device ?

2   (a)   What are different functions of operating system ? Explain in detail.   7

    (b)   Write a note on Real time Operating system.   7

OR

2   **(a)**   Discuss evolution of an operating system.   **7**

     (b)   Explain Multi-user operating system in detail.   **7**

3   Answer the following : (any **three**)   **18**

     (1)   Explain file access method in detail.

     (2)   Explain any six security policy options of windows.

     (3)   Explain various consol modes of computer management window.

     (4)   Write a note on different types of naming conventions of domain.

4   Answer the following : (any **two**)   **14**

     (1)   History of UNIX.

     (2)   Explain different types of files in UNIX.

     (3)   Device Driver.

5   Do as directed : (any **five**)   **10**

     (1)   Explain touch command.

     (2)   In UNIX which command is used to rename file ?

     (3)   Which command is used to create directory in UNIX ?

     (4)   Explain chown command of UNIX.

     (5)   Explain DATE command of UNIX.

     (6)   Which command is used to know the file type ?

     (7)   How can we count the number of lines in UNIX ?

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