



HA-8004

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

March / April - 2018

Introduction to Operating System : Paper - 203

Time : 3 Hours]

[Total Marks : 70

Instructions :

(1)


नीचे दशांशिक निशानीवाणी विगतो उत्तरवदी पर अवश्य द्धमवी.
Fillup strictly the details of signs on your answer book.

Name of the Examination :

Name of the Subject :

Subject Code No. : Section No. (1, 2,.....) :

Seat No. :


Student's Signature

(2) All questions are compulsory.

(3) Do not interchange sub questions.

1 Answer the following question : (Any Seven) 14

- (1) What are the attributes of file?
- (2) How to set the environment variable?
- (3) Explain the different file types.
- (4) Explain MMC
- (5) Define seek time and rotational delay
- (6) What is WMI control?
- (7) What do you mean by multiprocessor system?
- (8) Define absolute and relative path.

2 (A) Explain the directory structure in detail. 7

(B) Explain time sharing system with its advantages and disadvantages. 7

OR

2 (A) Explain acyclic graph directories in detail. 7

(B) Explain spooling in detail. 7

HA-8004]

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[Contd...

- 3 (A) Explain the system configuration utility in detail. 7
(B) Explain the different characteristics of I/O devices. 7
- OR**
- 3 (B) Explain any one computer management tool. 7
- 4 Answer any two : 14
(A) Explain free space management.
(B) Explain the elements of operating system.
(C) Explain the security policy in windows.
- 5 (A) Suppose a disk drive has 150 cylinders number from 0 to 149. The disk drive is currently served the request at cylinder no 35. The queue for pending request in FIFO order is as follows :
11 46 120 90 88 128 142 145 66 40 30 9
Show the disk scheduling for the following algorithm.
(I) FCFS
(II) LOOK
(III) SCAN
(IV) SSTF
- (B) Explain event viewer. 7