



DRR-3278
Third Year B. Sc. (Computer Science)
(Sem. VI) Examination
March / April - 2016
606 : Operating System : Paper - II

Time : 2 Hours]

[Total Marks : 50

Instructions :

(1)

<p>नीचे दृशावेक निशानीवाणी विगतो उत्तरवही पर अवश्य कभवी. Fillup strictly the details of signs on your answer book.</p> <p>Name of the Examination : Third Year B. Sc. (Computer Science) (Sem. VI)</p> <p>Name of the Subject : 606 : Operating System : Paper - II</p> <p>Subject Code No. : <input type="text" value="3"/> <input type="text" value="2"/> <input type="text" value="7"/> <input type="text" value="8"/> Section No. (1, 2,.....) : <input type="text" value="NIL"/></p>	<p>Seat No. : <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/></p> <div style="border: 1px solid black; border-radius: 15px; padding: 10px; text-align: center; margin-top: 10px;">Student's Signature</div>
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(2) Question no. 1 is compulsory.

1 Answer the following : 14

- (1) What is kernel ?
- (2) What is bootstrap ?
- (3) What is WMI ?
- (4) What is Local security policy ?
- (5) What is MMC ?
- (6) Explain the function of I/O control unit.
- (7) Explain msconfig.

2 (1) Suppose that disk drive currently serving at cylinder 7
at 112 and previous request was at 156, the pending
request is

67, 125, 38, 155, 100, 251, 35, 110

Then show the disk scheduling for the following algorithms :

- (1) FCFS
- (2) SSTF
- (3) SCAN

(2) Explain disk scheduling methods. 7

OR

- 2 (1) Suppose that a disk drive has 200 cylinders, numbered 0 to 199. The disk drive is currently serving at cylinder 35, the queue of pending request, in FIFO order is 150, 125, 12, 180, 73, 5, 120, 158, 190, 50, 47, 23 Show the disk scheduling for the following algorithms :
- (1) FCFS
 - (2) LOOK
 - (3) SCAN
 - (4) SSTF
- (2) Explain various file access methods.
- 3 (1) Explain operations on file.
- (2) Explain Device characteristics.
- OR**
- 3 (1) Explain various console mode of computer management window.
- (2) Explain I/O control unit in detail.
- 4 Any two :
- (1) File protection
 - (2) Event viewer
 - (3) Windows MMC and Snap-ins.