



RAN-1212

Third Year B.Sc. (Semester-VI) Examination

March / April - 2019

Computer Science: Paper-606

(Operating System -II)

Time: 2 Hours]

[Total Marks: 50

सूचना : / Instructions

नीचे दृशविले निशानीवाणी विगतो उत्तरवही पर अवश्य लभवी.
Fill up strictly the details of signs on your answer book

Name of the Examination:

Third Year B.Sc. (Semester-VI)

Name of the Subject :

Computer Science: Paper-606

Subject Code No.: 1 2 1 2

Seat No.:

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Student's Signature

Q. 1 Answer the Following

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- 1 Explain Belady's Anomaly.
- 2 List the four conditions which causes deadlock to occur.
- 3 What information does PCB hold?
- 4 Explain the importance of context switch in process.
- 5 Explain the role of valid and invalid bit in a page table.
- 6 What does segment table base register and segment table length register indicates in a segment table ?
- 7 Explain the commands Pipe and getpid.

Q. 2 Answer the following ANY TWO

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- 1 Explain the term process? Explain the various stages of process.
- 2 Explain Deadlock prevention in detail.
- 3 Explain the importance of scheduling in process management ? Explain any one scheduling algorithm.

