



RAN-1069

T.Y.B.Sc. Computer Science (Sem-5) Examination

March / April - 2019

PAPER 506 - Operating System - 1 (New)

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:

T.Y.B.Sc. Computer Science (Sem-5)

Name of the Subject :

Paper 506 - Operating System - 1 (New)

Subject Code No.:

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Seat No.:

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Student's Signature

Q-1 Answer the question in short.

[14]

1. Explain l-seek command.
2. Define operating system. List types of operating system.
3. Difference between character and block i/o device
4. List out operation perform on a directory?
5. List types of file and its extension.
6. Draw directory structure of Unix operating system.
7. Define seek time and rotational delay?

Q.2 Write answers for the followings.

[12]

1. Discuss evaluations of operating system.
2. Goals of an Operating System.

OR

1. FCFS algorithm with example.
2. List different function of operating system and explain them in detail.

Q.3 Write answers for the followings. [12]

1. Discuss file protection mechanism in details.
2. SCAN algorithm with example.

OR

1. Different operation which can perform on file.
2. Explain device management function.

Q.4 Write answers for the followings. (Any Two) [12]

1. Explain chmod command with example.
 2. Explain architecture of Unix O.S.
 3. Unix tree directory structure.
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