LJ-437

M.Sc. Computer Science

3rd Semester Examination, July-Dec., 2020

Paper - III

Linux

Time : Three Hours] [*Maximum Marks* : 100

Note : Answer any **two** parts from each question. All questions carry equal marks.

Unit-I

1. (*a*) Explain multiuser system in brief.

(*b*) What do you understand by system call ?

(*c*) Explain features of Unix file system.

Unit-II

2. (*a*) Explain shell features in brief.

(*b*) Write differences between for and while loop.

(*c*) Explain if.....fi construct with suitable programme.

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Unit-III

3. (*a*) Explain features of shell.

(*b*) What is process management of Unix ? Explain.

(*c*) Explain system boot and its process in detail.

Unit-IV

4. (*a*) Explain I/O subsystem.

(*b*) What is shared memory ? Explain.

(*c*) Explain access( ), open( ), read( ) calls in detail.

Unit-V

5. (*a*) Explain process and scheduling in detail.

(*b*) Explain Basic System Administration in brief.

(*c*) Explain X Window concept in detail.

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