

Roll No.

Y – 2928

PG.D.C.A. (Second Semester) EXAMINATION,

May/June-2021

Paper – 205

INTRODUCTION TO LINUX

Time : Three Hours

Maximum Marks : 100

Minimum Pass Marks : 40

Note—Attempt *all* questions.

Unit-I

1. (a) What do you mean by Linux Operating System ? Describe the basic requirements for installing Linux. 10
- (b) Explain the basic features of Linux Operating System in detail. 10

Unit-II

2. (a) What is Redirection ? Describe redirecting stranded input and output with example. 10
- (b) Describe background processing in Linux. Explain ‘ps’ and ‘kill’ command with suitable example. 10

Unit-III

3. (a) Write down the roles and responsibilities of system administrator. 10
- (b) What is file access permission ? How can we change permission on files ? 10

Unit-IV

4. (a) Explain various types of Shell available in Linux ? Also differentiate between them. 10
- (b) What are variables ? How will you define a variable in Linux ? Give suitable example. 10

Unit-V

5. (a) Write a shell script to calculate the factorial of a number entered by user. 10
- (b) What are Shell keywords ? Describe report printing with awk. 10

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