

Or

No. of Printed Pages : 04

Roll No.

8. Explain the purpose and syntax of any *two* Linux commands belonging to the following categories. : **12.5**

- (i) System Maintenance Command
- (ii) Terminal Control Command



31201

**Diploma in Digital Forensic
EXAMINATION, 2025**

(Second Semester)

(Regular & Re-appear Only)

FUNDAMENTALS OF OPERATING SYSTEM
AND VIRTUAL MACHINE

Time : 3 Hours]

[Maximum Marks : 50

Before answering the question-paper, candidates must ensure that they have been supplied with correct and complete question-paper. No complaint, in this regard will be entertained after the examination.

Note : Attempt *Four* questions in all, selecting *one* question from each Unit.

Unit I

1. What do you understand by Linux ? Explain the features of Linux. **12.5**

Or

2. Write major difference between Linux and Window Operating System. Which is better and why ? **12.5**

Unit II

3. What are different Linux distribution ? Explain each in brief. **12.5**

Or

4. Explain the concept of Virtual Machine Management in detail. **12.5**

Unit III

5. Explain various networking commands used in Linux with their syntax and purpose. **12.5**

Or

6. (a) Differentiate between Absolute and Relative path.
(b) Differentiate between find and locate command. **12.5**

Unit IV

7. What do you mean by file permission ? How can you change permission of file and directory in Linux ? Explain with example. **12.5**