

**Roll No.**

**Total No. of Pages : 01**

**Total No. of Questions : 07**

**BCA (Sem.-5)**  
**LINUX OPERATING SYSTEM**

**Subject Code : UGCA-1935**

**M.Code : 90318**

**Date of Examination : 02-01-2023**

**Time : 3 Hrs.**

**Max. Marks : 60**

### INSTRUCTIONS TO CANDIDATES :

1. **SECTION-A is COMPULSORY** consisting of **TEN** questions carrying **TWO** marks each.
2. **SECTION-B** contains **SIX** questions carrying **TEN** marks each and students have to attempt any **FOUR** questions.

## SECTION-A

**1. Write briefly :**

- a) Kernel
- b) Dual booting
- c) GNOME
- d) LILO
- e) Network OS
- f) FTP
- g) Java Client
- h) Multiprocessing
- i) RPM
- j) Man command.

## SECTION-B

2. Explain the Linux system calls and architecture of Linux.
3. Discuss the use of set UID and set GID in Linux.
4. How to add and make partitions in Linux file system?
5. What are various editors available in Linux? Explain any one with its features and modes.
6. Explain installation and un-installation of a new packaging using dpkg and RPM.
7. Compare and contrast pipes and redirections.

**NOTE : Disclosure of Identity by writing Mobile No. or Marking of passing request on any paper of Answer Sheet will lead to UMC against the Student.**