Subject Code : CDV2002
Subject Name: Advanced Linux
Duration   : 2 hours (including time for uploading)
            (10 Minutes Max Grace Time)   Max. Marks: 50

Instructions
- **All Questions are compulsory.**
- **The Assessment consists of 2 sections - Part A contains 10 questions of 2 marks each. Part B consists of 4 questions of 10 marks each, out of which 3 questions to be attempted.**
- **Write name and registration number, page number, on all the pages, convert into one PDF, tag it with your registration number_Name_subject code_subject title (eg. 12345678901_Shivam_CDV2002_AL).**
- **Hand written responses to be submitted/uploaded as scanned pages of answer sheets (max. 5 pages) within the mentioned duration.**

PART – A
*(2 * 10 = 20 Marks) (Each Answer - Word Limit: 50 Words)*

1. What is Linux?

2. List out the commercial version of Linux.

3. Compare the XFS and Btrfs.

4. What indicate access privilege of 200?

5. Benefits of RPM.

6. Which sub command used to search for a package with a name?

7. List out the group management commands.

8. What umask consists of?

9. Justify, mpstat is used for monitoring CPU in multiprocessor servers.

10. Mention the three major components of SNMP.

PART – B
*(10 * 3 = 30 Marks) (Each Answer - Word Limit: 250 Words)*

11. Explain briefly Booting in Linux.   (10 Marks)

12. List out and shortly explain the top level directories usage? (10 Marks)

13. Write short notes on –apt, apt-get and apt-cache commands.(10 Marks)

14. Write short notes on
    i. Various commands that can be used to modify users & groups.
                                        (5 Marks)
    ii. Top command line tool for performance monitoring.   (5 Marks)