

**DIPLOMA EXAMINATION IN ENGINEERING/TECHNOLOGY/MANAGEMENT/
COMMERCIAL PRACTICE – APRIL - 2023
SYSTEM ADMINISTRATION**

(Maximum Marks : 75)

[Time : 3 hours]

PART-A

I. Answer all the following questions in one word or sentence. Each question carries 1 mark.

(9x1=9 marks)

		Module Outcome	Cognitive level
1	Label any two graphical tools available in fedora.	M 1.05	R
2	Define System Administration.	M 1.01	R
3	RPM stands for.....	M2.01	R
4	Define Repositories.	M2.11	R
5	Point out how to install Firefox using yum command.	M2.07	R
6	Recall two methods to centralize user accounts.	M3.12	R
7	Tell the use of UID.	M3.10	R
8	LVM Stands for.....	M4.07	R
9	Define file system.	M4.09	R

PART B

II. Answer any Eight questions from the following. Each question carries 3 marks.

(8x3=24)

		Module Outcome	Cognitive level
1	Relate any three roles of a System Administrator.	M1.01	U
2	Explain the general features of Fedora Linux OS.	M1.03	U
3	Demonstrate removing of the package using YUM.	M2.13	U
4	Summarize YUM.	M2.07	U
5	Explain Linux RPM.	M2.02	U
6	Explain the Group account.	M3.06	U
7	Compare the user account field in Linux.	M3.02	U
8	Explain the partition table.	M4.03	U
9	Summarize disk storage.	M4.01	U
10	Outline how to create a new file system.	M4.10	U

PART C

Answer **all** questions from the following. Each question carries 7 marks.

(6x7=42marks)

		Module Outcome	Cognitive level
III	Recall different partition types. OR	M 1.10	R
IV	Explain dual booting.	M1.08	U
V	Summarize the reasons to partition hard drives. OR	M1.09	U
VI	Summarize how to install Redhat Enterprise Linux from the installation media.	M1.04	U
VII	Classify basic yum commands. OR	M2.07	U
VIII	Explain the basic modes of RPM command.	M2.04	U
IX	List any four usermod commands. OR	M3.05	R
X	Compare UID and GID.	M3.10	U
XI	Summarize Group Account. OR	M3.06	U
XII	Explain ACL in Linux.	M3.08	U
XIII	Explain how to create a file system using mkfs command. OR	M4.12	U
XIV	Summarize how to create a single-partition disk.	M4.05	U
