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MASTER OF COMPUTER APPLICATIONS
(Specialization in Cloud Technology)
EXAMINATION : JANUARY - 2025
SEMESTER - III
Sub: Linux System Administration (MCCL 23-304)

Date :10/01/2025

Total Marks :60

Time: 10.00 am to 12.30 pm

Instruction:

1. All questions are compulsory unless and otherwise stated.
2. Bold figures to the right of every question are the maximum marks for that question.
3. Candidates are advised to attempt questions in order.
4. Answers written illegibly are likely to be marked zero.
5. Use of scientific calculators, Log tables, Mollier Charts is allowed.
6. Draw neat and labelled diagram wherever necessary.

Q.1. Answer the following in 2-3lines. (Any 5) (10)

1. Define Relative path.
2. Define Linux kernel.
3. Define RPM.
4. Define Partition
5. Write the syntax of
 - a) Creating a Hard Link
 - b) Changing directory path
6. Define Archive.
7. Define OPENSSSH

Q. 2. Answer the following in short. (Any 4) (20)

1. How to install and configure NTP server?
2. Differentiate between Absolute path and relative path.
3. Write some basic YUM commands.
4. Explain the types of partition.
5. Write on how LUKS works.
6. Explain SELinux file and process context briefly.

Q. 3. Answer the following in detail. (Any 3) (30)

1. Differentiate between sudo and su.
 2. Explain the system directories of Linux.
 3. Write some basic YUM commands.
 4. Write a short note on Operating System.
 5. Explain any 10 flavors of Linux.
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