

**BIRLA INSTITUTE OF TECHNOLOGY, MESRA, RANCHI
(MID SEMESTER EXAMINATION)**

**CLASS: BCA
BRANCH: BCA**

**SEMESTER : 1ST
SESSION : MO/2024**

SUBJECT: CN113 LINUX ADMINISTRATION

TIME: 02 Hours

FULL MARKS: 25

INSTRUCTIONS:

1. The question paper contains 5 questions each of 5 marks and total 25 marks.
 2. Attempt all questions.
 3. The missing data, if any, may be assumed suitably.
 4. Tables/Data handbook/Graph paper etc., if applicable, will be supplied to the candidates
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		CO	BL
Q.1(a)	Write a short note on file permission options available in linux.	[2] CO2	1,2
Q.1(b)	Discuss “chmod” command with examples.	[3] CO2	1
Q.2(a)	Write a short note on Logging in Linux.	[2] CO1	1
Q.2(b)	Describe the steps in the Linux Boot Process.	[3] CO1	1
Q.3(a)	Discuss the concept of “mirroring of logical volumes.”	[2] CO4	1,2
Q.3(b)	Discuss the steps to create a new partition using fdisk.	[3] CO3	1,2
Q.4(a)	Write a short note on Logical Volume Manager (LVM).	[2] CO4	1
Q.4(b)	Discuss the steps and commands for extending a Logical Volume in LVM.	[3] CO4	3
Q.5(a)	Explain the “sudo” command with appropriate example.	[2] CO5	1,2
Q.5(b)	Explain the commands for managing groups with example.	[3] CO5	1,2

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