

Name:

Enrolment No:



**UNIVERSITY OF PETROLEUM AND ENERGY STUDIES**  
**End Semester Examination, December 2021**

**Course: Linux on Mainframes**  
**Program: B.Tech(CSE+IFM)**  
**Course Code: CSMT-3002P**

**Semester: VII**  
**Time 03 hrs.**  
**Max. Marks: 100**

**Instructions: Attempt all questions.**

**SECTION A**  
**(5\*4=20marks)**

S. No.		Marks	CO
Q 1	Write full forms for the following: a) CPC      b) DASD      c) PE      d)VG	4	CO2
Q 2	Define RPM.	4	CO3
Q 3	Define the following two commands: a)Pvcreate      b) vmcp link linux01 100 2101 mr	4	CO1
Q 4	Define the major components of Linux.	4	CO1
Q 5	Mention the steps of FTP server configuration.	4	CO1

**SECTION B**  
**(4\*10=40marks)**

Q 6	Elaborate the process of creating a physical volume from the minidisks.	10	CO3
Q 7	Discuss the process of verifying the installation of Linux under native LPAR.	10	CO2
Q 8	Describe the two ways to add a new DASD to Linux.	10	CO2
Q 9	Illustrate creating physical volumes as well as logical volumes from two DASD's. OR Discuss the Redhat installation over zvm.	10	CO4

**SECTION-C**  
**(2\*20=40 marks)**

Q 10	If you want to transfer files from one host to another host over a TCP-based network, which server you prefer? Analyze the process of installing and configuring that server.	20	CO4
Q 11	Elaborate on five basic functions of RPM. OR The golden image has a default memory size of 512 MB, and it is given class G privilege. It is given two minidisks. To accomplish this, elaborate on the steps to be performed.	20	CO3