

**UNIVERSITY OF PETROLEUM AND ENERGY STUDIES****End Semester Examination, Dec 2023****Course:** Fundamentals Mainframe System Skills**Semester:** V**Program:** B.Tech. (CSE, H+ NH) with All Spl.**Time:** 03 hrs.**Course Code:** CSMT3016P**Max. Marks:** 100**SECTION A  
(5Qx4M=20Marks)**

S. No.		Marks	CO
Q. 1	Describe the use of ISPF under Mainframe.	4M	CO3
Q. 2	Explain first level and second level guest OS.	4M	CO1
Q. 3	Illustrate the use of Z/OS workload manager.	4M	CO2
Q. 4	Compare PS and PDS with suitable example.	4M	CO3
Q. 5	Explain the password changing method under Mainframe.	4M	CO1

**SECTION B  
(4Qx10M= 40 Marks)**

Q.6	Explain the role of z/VM as hypervisor.	10M	CO1
Q.7	Explain EXEC statement with the help of different keyword parameters available for it.  (OR) Explain DD statement with the help of different keyword parameters available for it.	10M	CO2
Q.8	Illustrate the use of JCL for executing a job.	10M	CO3
Q.9	Compare JES2 and JES3 with suitable example.	10M	CO4

**SECTION-C  
(2Qx20M=40 Marks)**

Q.10	Write short notes on following:  a. LDS b. RRDS c. KSDS d. ESDS  (OR)	5M*4=20	CO3
Q.11	a. Explain the use of SDSF facility available under Mainframe environment. b. Illustrate how to move members of a PDS to other PDS with suitable example.		
Q.12	a. Describe Reliability, Availability, Security, and Serviceability in Mainframe.  b. Batch processing do not required user intervention during processing. Explain how to provide input to a batch program in this scenario from user.	10M  10M	CO4