Name: **Enrolment No:**	UPES UNIVERSITY WITH A PURPOSE

UNIVERSITY OF PETROLEUM AND ENERGY STUDIES
End Semester Examination, Aug 2020

Course: Resource allocation on Mainframe **Semester: VIII**
Program: B.Tech. (CSE) with Spl. in Mainframe Technology **Time: 03 hrs.**
Course Code: CSIB462 **Max. Marks: 100**

Instructions:

SECTION A

S. No.		Marks	CO
Q 1	i. In _____the PAV base address and the number of aliases are predefined. ii. In a _____the main node is connected directly to all the other nodes using multi-port star couplers.	**2.5*2 =5M**	**CO1**
Q 2	i. The HMC includes a command, _____, that allows a user to capture and display x-window images. ii. On POR, the content of IOCDS get loaded in to hardware storage area.(True/False)	**2.5*2 =5M**	**CO2**
Q 3	i. _____with the problem analysis code determine what data is to be collected. ii. A _____is a dedicated workstation used for monitoring and operating a system.	**2.5*2 =5M**	**CO2**
Q 4	i. ESCON channel protocol is faster than FICON. (True/ False) ii. Which one is not a characteristic of LED? a. Low Power b. Low cost c. Single light wavelength d. none of these	**2.5*2 =5M**	**CO3**
Q 5	i. Server Time Protocol (STP) is a server wide facility implemented in the licensed internal code of the System z servers.(True/False) ii. Validation of the configuration data specified in the IOCDS is carried out by the MVSCP until the resource is accessed.(True/False)	**2.5*2 =5M**	**CO4**
Q 6	i. Light detectors use the principle behind the ionization of_____. ii. HMC provides panel oriented navigation techniques to prevent errors.(True/False)	**2.5*2 =5M**	**CO2**
	SECTION B		
Q 7	Compare multi-mode and single mode Light propagation in fiber.	**10M**	**CO1**
Q 8	Describe different functions in HMC and SE.	**10M**	**CO1**

Q 9	Illustrate different phases of problem analysis framework.	**10M**	**CO2**
Q 10	Describe different functions of HCD.	**10M**	**CO4**
Q 11	i. Explain the use of basic types of Initial Program Load. (OR) ii. Illustrate the use of Migrating input data sets using the batch utility	**10 M**	**CO4**
	SECTION-C		
Q 12	i. Compare ESCON CTC Connections and FICON CTC Connections ii. Explain different performance tests that can be done at different levels. (OR) iii. Justify, can an I/O device be defined dynamically? iv. Describe the use of three monitors of RMF.	**10M*2 =20M**	**CO3**