UNIVERSITY OF PETROLEUM AND ENERGY STUDIES
End Semester Examination, May 2022

Course: OSS for industries(Healthcare, eCommerce, retail, Manufacturing) Semester : VI
Program: B. TECH. CSE (OSOS) Time : 03 hrs.
Course Code: CSOS3008 Max. Marks : 100

Instructions: Attempt All Questions

SECTION A
(5Qx4M=20Marks)

S. No.		Marks	CO
Q 1	Discuss about various examples of actual issues with free and open source software.	4	CO1
Q 2	What is Bahmini? Explain Stock and inventory functionalities provided by Bahmini.	4	CO1
Q 3	Explain working model of Blueseer. List the benefits of using Blueseer in e-commerce manufacturing business.	4	CO2
Q 4	Draw the architecture of Magento and explain components of Magento.	4	CO2
Q 5	Describe the types of e-commerce for pharma and banking business.	4	CO3

SECTION B
(4Qx10M= 40 Marks)

Q 6	Describe the types of e-commerce business. Also discuss about any four demerits of e-commerce business.	10	CO1
Q 7	Explain application independence and platform independence. Outline numerous advantages and disadvantages of using OSS in various industries.	10	CO1
Q 8	Explain any four open source mobile application for pharma and automobile industry.	10	CO3
Q 9	Explain transportation process in Blueseer application. ***OR*** Outline Hospital Management System and relate it with Bahmini Architecture. Also explain the working of reporting in Bahmini.	10	CO2

SECTION-C
(2Qx20M=40 Marks)

Q 10	a. Describe various open source research tools used in pharmaceutical industry. b. Identify the features of a banking software solution. List out various open source tools for e-commerce Industry.	15+5	CO3
Q 11	Explain following features of Magento:	20	CO2

	i. Store Setup ii. Order Processing iii. System Setup iv. Optimization ***OR*** Explain following features of Blueseer: i. Sales and Distribution ii. Purchasing iii. Inventory Administration		