



Name:

Enrolment No:

End Semester Examination, December 2023

Course: Internet and Petroleum E-Commerce

Semester: V

Program: BBA OG

Course Code: DSIT3013P

Time : 03 hrs.

Max. Marks: 100

Instructions:

SECTION A
10Qx2M= 20 Marks

S. No.	Answer all the questions.	Marks	CO
Q 1	Define <i>Open Source Data Universe (OSDU)</i> ?	2	CO1
Q 2	Expand the following terms a) CDMA b) RDBMS c) HPC d) HTML	2	CO1
Q 3	Define Internet of Things (IoT) and give one application in petroleum industry	2	CO1
Q 4	What does Omni-channel mean in terms of e-commerce presence?	2	CO1
Q 5	What are some of the unique features of e-commerce technology?	2	CO1
Q 6	Define Service Oriented Architecture (SOA) in providing collaborative workflow solutions in petroleum industry.	2	CO1
Q 7	What advantages does client/server computing have over mainframe computing?	2	CO1
Q 8	What are three different types of cloud computing models that have been developed?	2	CO1
Q 9	How are the SSL/TLS protocols used in securing Internet communications?	2	CO1
Q 10	Where <i>SAP IS OIL</i> is used? Name a petroleum company using this tool.	2	CO1

SECTION B
4Qx5M= 20 Marks

	Answer all the questions.		CO
Q 11	What are UAV (Unmanned Aerial Vehicles)? How UAVs are helping petroleum industry?	5	CO2

Q 12	Describe GIS and the different projection systems used in data collection and navigation of petroleum-associated data.	5	CO2
Q 13	Describe the Technology Infrastructure for E-commerce	5	CO2
Q 14	What are four Internet protocols (IP) besides HTTP (the Web) and sending e-mail (SMTP)?	5	CO2
SECTION-C 3Qx10M=30 Marks			
	Answer all the questions		CO
Q 15	Describe E-commerce applications for the upstream petroleum industry and how they could reduce cycle times and indirect costs?	10	CO3
Q 16	Describe the E-Commerce growth and contributions to Indian Economy with future projections.	10	CO3
Q 17	How do you support the following statement? “AR and VR can Solve many of Core Oil and Gas Challenges” Give an examples of its application	10	CO3
SECTION-D 2Qx15M= 30 Marks			
	Answer all the questions.		CO
Q 18	Refer to case study “ <i>Research on E-Commerce Purchasing Model in Crude Oil Trade</i> ” and answer the following question: Analyze the internal and external environment of a company’s crude oil e-commerce procurement in depth, and evaluate the existing crude oil suppliers and potential suppliers and formulate corresponding procurement strategies.	15	CO4
Q 19	Given the development and history of e-commerce in the years 1995–2020, what do you predict we will see during the next five years of e-commerce? Describe some of the technological, business, and societal shifts that may occur as the Internet continues to grow and expand.	15	CO4