



Name:

Enrolment No:

End Semester Examination, Dec. 2024

Course: Internet and Petroleum E-Commerce

Program: BBA OG

Semester: V

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>Extranet</i>	2	CO1
Q 2	Expand the following terms a) OSDU..... b) ISDN..... c) W3..... d) IIoT.....	2	CO1
Q 3	Select the correct statement from the followings E-commerce is an electronic transaction, that is, a. Conducting business activities online, b. A commercial trade activity conducted by people through the Internet. c. When an enterprise directly connects its main business through intranets, extranets, and employees, customers, vendors, and partners, d. All the above.	2	CO1
Q 4	What does Omni-channel mean in terms of e-commerce presence?	2	CO1
Q 5	Define design principles of Industry 4.0	2	CO1
Q 6	Define Service Oriented Architecture (SOA) in providing collaborative workflow solutions in petroleum industry.	2	CO1
Q 7	What are three different types of cloud computing models that have been developed?	2	CO1
Q 8	Relate the following GIS products to their Providers from the list Product a. MapPoint b. ArcGIS c. IDRISI d. Arcview Provider a. ESRI b. Microsoft c. Clark Lab d. ESRI		CO1

Q 9	Amazon tied up within Delhi and Mumbai to allow customers to pick up packages from retain chain In&Out in the year.....	2	CO1
Q 10	What are some of main modules of SAP used by oil & Gas industry in upstream?	2	CO1
SECTION B 4Qx5M= 20 Marks			
	Answer all the questions.		CO
Q 11	Describe “Industry 4.0”, its main characteristics and the components of the Industry 4.0.	5	CO2
Q 12	What are UAV (Unmanned Aerial Vehicles)? How UAVs are helping petroleum industry?	5	CO2
Q 13	Summarize the <i>BPCL and Amazon “IN & OUT”</i> story	5	CO2
Q 14	Why are security issues associated with the Internet of Things even more challenging than existing security issues related to the Internet?	5	CO2
SECTION-C 3Qx10M=30 Marks			
	Answer all the questions		CO
Q 15	Describe the” on-demand service model” in fuel retail sector in India, its challenges and given an example of it.	10	CO3
Q 16	Describe the E-Commerce growth and contributions to Indian Economy with future projections.	10	CO3
Q 17	Provide comparative analysis of the advantages of e-commerce procurement model over traditional model.	10	CO3
SECTION-D 2Qx15M= 30 Marks			
	Answer all the questions.		CO
Q 18	Refer to the case study “ Accessing and Distributing Petroleum Products in E-Commerce Environment “(<i>British Journal of Economics, Management & Trade</i>) and answer the followings: a. How does this study seek ways to minimize the cost of accessing and distributing petroleum products in e-commerce environment? b. Discuss the simulation analysis and results based on the developed 0-1 MILP mode.	15	CO4

Q 19	<p>Refer to the case: Business Type Classification via E-commerce Stage Model in Oil Industry in Iran (<i>University Kebangsaan Malaysia Tehran, Iran</i>)</p> <p><i>A. Define E-Commerce and E-Business and the evolution of various industrial revolutions leading to E-Commerce.</i></p> <p><i>b. How the results of this study give an insight to the practice of e-commerce for Iranian oil companies and can be used to strategize future directions for the industry in terms of e-commerce.</i></p>	15	CO4
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