



Name:

Enrolment No:

End Semester Examination, May 2024

Course: Oil & Gas Storage and Transportation

Program: BBA OG

Semester: II

Course Code: OGOG 1004

Time : 03 hrs.

Max. Marks: 100

Instructions:

SECTION A
10Qx2M= 20 Marks

S. No.	Answer all the questions.	Marks	CO
Q 1	API gravity of condensates is in the range of..... To.....deg.	2	CO1
Q 2	Define/Expand the following terms (a) FPSO..... (b) PPAC.....	2	CO1
Q 3	Differentiate “lean gas ” from “rich gas”	2	CO1
Q 4	Define a Stock Tank Oil Initially in place (STOIIP).	2	CO1
Q 5	Name the two Oil field service companies in India	2	CO1
Q 6	1.0 mmtoe =..... bcm =mmcf/d	2	CO1
Q 7	Paraffins are straight-chain hydrocarbons having a general formula of.....	2	CO1
Q 8	In FY21, all key ports in India handled million tons (MT) of cargo traffic.	2	CO1
Q 9	Which countries are sharing Caspian Sea petroleum resources?	2	CO1
Q 10	Who built the Suez canal?	2	CO1

SECTION B
4Qx5M= 20 Marks

	Answer all the questions.		CO
Q 11	What is DWT of marine tankers? Write the DWT of the following crude carriers? 1. SuezMax 2. ULCC	5	CO2
Q 12	Differentiate between Petroleum gas and Coal gas.	5	CO2
Q 13	Describe the gas treatment facilities at gas fields.	5	CO2

Q 14	Describe the recent signing of LNG contact between Qatar Energy and Indian govt - Volumes and new contract terms?	5	CO2
SECTION-C 3Qx10M=30 Marks			
	Answer all the questions		CO
Q 15	Describe the PS-2 (power of Siberia 2) pipeline, its strategic importance and the current state of execution.	10	CO3
Q 16	Transportation of petroleum products by road is not the most economic mode. Why does the oil industry use this mode?	10	CO3
Q 17	Describe the strategic importance of transportation waterways such as Red Sea and Panama Canal and the recent events that impacted the transportation through these waterways.	10	CO3
SECTION-D 2Qx15M= 30 Marks			
	Answer all the questions.		CO
Q 18	Why are ports strategically important for Oil & Gas markets?. Describe the market size of crude handling capacity from Indian ports, the major ports on Indian coast, and the capacity enhancement underway for Indian ports for oil and gas storage and transportation.	15	CO4
Q 19	Describe the history of Railroad transportation of crude oil in USA, its relation to Bakken Shale and compare the multi-mode transportation of petroleum sector between India and USA.	15	CO4