

Name:

Enrolment No:



School of Business
UPES
Supplementary Semester Examination Dec, 2023

Program: BBA (OGM)
Subject/Course: Understanding oil and gas business
Course Code: OGOG1001

Semester: 1st
Max. Marks: 50
Duration: 1 Hour

IMPORTANT INSTRUCTIONS

Q.No	Section A 2 X 10 = 20 Marks	Marks	COs
1 (a)	LPG is made of : a) Propane and butane b) Ethane and propane c) Ethane and butane d) Ethane, propane and butane	10	CO1
1 (b)	FPSO is preferred for use in a) Onshore b) Marshy Islands c) Shallow Water d) Deepwater	10	CO1
1 (c)	Which of the following is used as feedstock to make petrochemicals a) Diesel b) Petrol c) Bitumen d) Naphtha	10	CO1
1 (d)	OPEC was founded in a) 1945 b) 1950 c) 1955 d) 1960	10	CO1
1 (e)	Naphthenes are a) Carbons b) Straight chain hydrocarbons c) Hydrocarbons with cyclic structure d) Non-hydrocarbons	10	CO1
1 (f)	The major oil producing companies in India is a) RIL	1	CO1

	b) IOCL c) BPCL d) HPCL		
1 (g)	The first exploratory well drilled in the field is known as a) Exploratory well b) Dry well c) Wild Cat d) Spudding	1	CO1
1 (h)	Cap rock has a) High Porosity b) High Permeability c) Low Porosity d) Low Permeability	1	CO1
1 (i)	The refining capacity of India is a) 247.21 MMTPA b) 248.21 MMTPA c) 249.21 MMTPA d) 250.21 MMTPA	1	CO1
1 (j)	1 metric tonnes of oil is equal to a) 7.33 barrels b) 307.86 US gallons c) Both a and b d) None of the above	1	CO1
Section B 4 X 5 = 20 Marks			
1	Give brief description for water injection process and In-situ combustion process	5	CO2
2	What are the objectives of gas processing? Name the various gas treatment or purification processes.	5	CO2
3	What do you understand by an LNG Cycle? Describe with a schematic diagram.	5	CO2
4	Write a brief note on types of refinery processes	5	CO2
Section C 3 X 10 = 30 Marks			
1	What are the main specifications for refinery products?1	10	CO3
2	Explain the oil exploration process and the steps involved in it.	10	CO3
3	What are the different mode of oil and gas transportation? Write a brief note on each	10	CO3
Section D 2 X 15 = 30 Marks			

1	What is SCADA and pigging? What are the purposes of various type of pigging operations?	15	CO4
2	What is HAZOP? For what purpose it is used? Briefly describe the technique	15	CO4