

Name:
Enrolment No:



UNIVERSITY OF PETROLEUM & ENERGY STUDIES
End Semester Examination – December, 2021

Program: BBA OG
Subject/Course: Understanding Oil & Gas Business
Course Code: OGOG1001

Semester: I
Max. Marks: 100
Duration: 3 Hours

IMPORTANT INSTRUCTIONS

1. The student must write his/her name and enrolment no. in the space designated above.
2. The questions have to be answered in this MS Word document.
3. After attempting the questions in this document, the student has to upload this MS Word document on Blackboard.

Q.No	Section A All questions are compulsory	Marks	COs
1	PVC stands for a) Propylene Vinyl Chloride b) Polyvinyl Chloride c) Propane Vinyl Chloride d) Polyethylene Vinyl Chloride	2	CO 1
2	Expand PLEM	2	CO 1
3	Expand FPSO	2	CO 2
4	What is HAZID?	2	CO 3
5	LNG is transported and stored in liquid form at below.....°C. a) -160°C b) -161°C c) 160°C d) 161°C	2	CO 1
6 is used to make bottles, moulded containers and pipes.	2	CO 2
7	The largest constituent of natural gas is a) Methane b) Ethane c) Propane d) Butane	2	CO 1
8	MTOE stands for a) Million tons of oil export b) Million tons of oil equivalent	2	CO 1

	c) Metric Tons of oil Equivalent d) Metric ton of oil export		
9	What is flash point?	2	CO 1
10	What is gas sweetening?	2	CO 1
	Section B All questions are compulsory		
1	What is SCADA? How it helps in pipeline operations?	5	CO 3
2	What is a fire triangle? Give example from an actual plant.	5	CO 3
3	Which are the different modes of transportation of Hydrocarbons?	5	CO 2
4	Explain the process of Pigging	5	CO 2
	Section C All questions are compulsory		
1	What is polymerization? What are copolymers? Describe the process to make PVC.	10	CO 2
2	“Internal Combustion Engines – caused major developments in petroleum refining”, Explain the statement.	10	CO 3
3	What do you understand by an LNG Cycle? Provide a brief description of each stage.	10	CO 1
	Section D (All questions are compulsory)		
1	Explain the role of IT in oil and gas value chain.	15	CO4
2	Outline the major steps an oil company has to go through starting from the decision to explore for oil in certain area to the decision to start production of oil.	15	CO 4

ANSWERS