


Name:	
Enrolment No:	

UNIVERSITY OF PETROLEUM AND ENERGY STUDIES

End Semester Examination, Dec 2021

Course: Introduction to Petroleum Engineering

Program: Exploratory SOE

Course Code: SOE20B003

Semester: I

Time 03 hrs.

Max. Marks: 100

Instructions: All questions are compulsory.

SECTION A

S. No.	Question	Marks	CO
Q 1	Name four govt. organizations, which have responsibility of regulating oil and gas sector in India?	4	CO1
Q 2	List four downstream petroleum companies operating in India.	4	CO2
Q 3	List four oil and gas companies, which are MNC and have business spread across several continents.	4	CO1
Q 4	List four-oilfield service companies, which are MNC and have clients, spread across several continents.	4	CO2
Q 5	Name two upstream public sector petroleum companies operating in India. Amongst the two, which company has bigger asset and revenue?	4	CO1

SECTION B

Q 6	What are three different types of rocks found on earth? Explain why oil and gas is found in only one of these types of rocks?	10	CO4
Q 7	With the help of suitable diagram, describe the internal structure of earth.	10	CO3
Q8	Describe the role of Petroleum geologist in exploration of oil and gas.	10	CO2
Q 9	What are challenges we face in drilling oil and gas well in comparison to water well.	10	CO3

SECTION-C

Q10	Describe in detail the challenges faced by oil and gas companies in recent years?	20	CO5
Q11	What are your thoughts on renewable energy as fuel of the future? Discuss in detail.	20	CO4