

Name:
Enrolment No:



UNIVERSITY OF PETROLEUM & ENERGY STUDIES
Online End Semester Examination – May 2021

Program: BTech APE (Gas)
Subject/Course: Understanding Natural Gas Business
Course Code: CHGS4003

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

SECTION A

1. Each question carries 5 marks

Q.No		Marks	COs
	Section A		
1	What is fracking?	5	1
2	Write the three LNG trends for 2021.	5	1
3	Explain the LNG pricing in India.	5	2
4	Write the natural gas pricing formula implemented for promoting deepwater and ultradeepwater E&P activities in India.	5	2
5	Write the names of different gas pricing benchmarks used across globe.	5	3
6	Explain the types of underground natural gas storages.	5	1

Section B

1. Each question will carry 10 marks
2. Instruction: Write short/brief notes

1	Describe the factors restricting the natural gas demand in India across different gas-consuming industries.	10	2
2	Analyze the CGD business growth drivers and challenges in India.	10	2
3	Will RSC deliver value for India? Provide a brief explanation on the same.	10	2
4	Analyze the business scenario for FLNG amid Covid 19 pandemic.	10	3
5	What is gas trading hub? Analyze the India's potential as gas trading hub for Asia. OR Explain the natural gas pricing in Asia and importance of establishing gas trading in the region.	10	1

Section C

1) Instruction: Write a long answer			
	What is shale resources. Explain the implication of shale revolution on the global oil and gas market and environment.		3
	OR		
	Explain the concept of EEE model. Why it is important to maintain balance among all the parameters?	20	3

ANSWERS