

Name:
Enrolment No:



UNIVERSITY OF PETROLEUM & ENERGY STUDIES
End Semester Examination (Online) – July, 2020

Program: MBA Oil & Gas
Subject/Course: Understanding Natural Gas Business
Course Code: OGOG 7003

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

IMPORTANT INSTRUCTIONS

1. *Attempt any 5 questions.*
2. *The student must write his/her name and enrolment no. in the space designated above.*
3. *The questions have to be answered in this MS Word document.*
4. *After attempting the questions in this document, the student has to upload this MS Word document on Blackboard.*

		Marks	COs
Q.1	What do you understand by “Gas Based Economy” in India? What are the enablers to achieve Gas Based Economy in India?	10+10	CO 2
Q.2	What has been the natural gas pricing policy in India since 1980? How it has been different from market determined pricing system?	20	CO 4
Q.3	UPES needs 1.0 mmscmd natural gas for their power generation, air conditioning and cooking load. Design a pipeline from FRI Dehradun to MDC, UPES indicating all activities of the project.	20	CO 3
Q.4	LNG-regas terminal of 5.0 mmtpa capacity, being located at west coast India needs to source LNG. Explain in detail, how much LNG you would like to source on Long term, short term and spot cargoes and why?	20	CO 5
Q.5	(a)What is the difference between Authorization and Registration functions of the PNGRB and what are the areas of activities where such functions apply? (b) Explain in detail the provisions contained in T4S Regulations of the PNGRB	10+10	CO 4
Q.6	(a) What is the purpose of Gas Processing?	10+10	CO 3

	(b) What should be natural gas composition suitable for producing LNG? How you get temperature of liquefaction for LNG production?		
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ANSWERS