

Name:  
Enrolment No:



**UNIVERSITY OF PETROLEUM & ENERGY STUDIES**

**End Semester Examination – December 2023**

**Program: MBA OG**  
**Subject/Course: Gas Operations & Marketing**  
**Course Code: OGET8017**

**Semester: III**  
**Max. Marks: 100**  
**Duration: 3 Hours**

**Keep your answer short and to the point.**

**Long answer with zero relationship questions will lead to time wastage. Focus on doables.**

**SECTION A**

1. Each question carries 5 marks

Q.No		Marks	COs
	Section A		
1	Discuss the natural gas pricing formula implemented for promoting deepwater and ultradeepwater E&P activities in India.	5	1
2	Describe the key emerging trends in global LNG business.	5	2
3	How does HELP aim to attract domestic and foreign investment in the Indian hydrocarbon sector, and what incentives are provided to encourage exploration and production activities?	5	2
4	Explain the concept of EEE model. Why it is important to maintain balance among all the parameters?	5	1
5	Discuss the challenges related to cross-border natural gas pipelines and trade with neighboring countries and the potential for regional gas markets.	5	1
6	Analyze the role of digitalization and data analytics in optimizing gas supply chains and market operations.	5	1

**Section B**

1. Each question will carry 10 marks

2. Instruction: Write short/brief notes

1	How do economic and market factors, including natural gas prices, impact the adoption and use of natural gas in the energy transition?	10	3
2	Analyze the project economics of CGD projects in India? Highlight the key components of CAPEX and OPEX as well.	10	2
3	How does the Israel-Hamas conflict influence the role of energy resources in regional politics and international relations?	10	3
4	How does FLNG technology contribute to energy security and diversification of natural gas supply sources for importing countries?	10	2

