

Name:

Enrolment No:



UNIVERSITY OF PETROLEUM AND ENERGY STUDIES

End Semester Examination, May 2019

Course: Natural Gas Markets

Programme: BA EE

Time: 03 hrs.

Instructions:

Semester: IV

CC:ECON 2010

Max. Marks: 100

SECTION A

S. No.	Tick the correct answer	Marks	CO
Q 1	LNG imports contribution in total gas supply in India a. 35% b. 40% c. 45% d. 50%	2	2
Q2	CNG stands for a. Compressed natural gas b. Clean natural gas c. Clear natural gas d. Contracted natural gas	2	2
Q3	Natural gas changes its form to liquid at a 160°C b -160°C c 161°C d -161°C	2	3
Q4	First FLNG is developed by a. ExxonMobil b. BG c. BP d. Shell	2	3
Q5	Which of these are not unconventional natural gas resources? a. LNG b. Shale c. CBM d. Gas Hydrate	2	2
Q6	The major gas transporting companies in India is: a. Reliance b. ONGC c. GAIL d. IOCL	2	3
Q7	Share of natural gas in Global Energy mix is: a. 18 b. 20 c. 22	2	3

	d. 24		
Q8	What are the component of new gas pricing formula a. Henry Hub, NBP, Alberta, JCC b. Henry Hub, NBP, LNG import, JCC c. Henry Hub, NBP, Alberta, Russia d. Henry Hub, NBP, LNG Import, JCC	2	3
Q9	KG D6 field is operated by _____: a. RIL b. ONGC c. Oil India d. Essar	2	3
Q10	The CGD company operating in Delhi is a. IGL b. MGL c. Gail d. BGL	2	3
SECTION B			
Q 1	India could struggle to deliver an effective gas trade hub. Justify your answer.	5	2
Q2	Analyze the impact of crude pricing volatility on natural gas market.	5	1,2
Q3	Does failure in sourcing of natural gas through cross border pipeline restricts gas growth in India?	5	2
Q4	Evaluate the challenges associated with CGD business.	5	1,3
SECTION-C			
Q 1	Analyze the role of India in global LNG trade.	10	1
Q2	Analyze the role of CGD in Indian gas market.	10	1,2
Q3	Evaluate the challenges facing India on its road to a gas based economy.	10	1
SECTION-D			
Q1	Analyze the natural gas business environment and growth opportunities.	15	2
Q2	Analyze the types of natural gas markets operating globally.	15	3

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SECTION A

S. No.	Tick the correct answer	Marks	CO
Q 1	_____ is the apparent causal relationship between the increase in the economic development of a specific sector and a decline in other sectors a. British Disease b. English Disease c. Dutch Disease d. Chinese Disease	2	2
Q2	Black Gold is the name used for a. Coal b. Crude Oil c. Charcoal d. Coal Tar	2	2
Q3	India is a diesel driven economy a True b False	2	3
Q4	32 lakh CNG vehicles are availing the benefit of clean fuel through existing CGD networks a. True b. False	2	3
Q5	Which Ministry is mainly responsible for refining, distribution, import, export of petroleum products and natural gas in India? a. Ministry of Petroleum and Natural Gas b. Ministry of Non-Renewable Energy c. Ministry of New Energy Resources d. Ministry of Oil & Gas	2	2
Q6	Which of the following is used in fertilizer industry: a. Coal b. Crude Oil c. Natural Gas d. Hydrogen	2	3
Q7	Share of natural gas in Global Energy mix is: a. 18 b. 20 c. 22 d. 24	2	3
Q8	India introduced new gas pricing formula in a. 2008	2	3

	b. 2010 c. 2012 d. 2014		
Q9	CGD sector in India is regulated by a. PNGRB b. DGH c. MoPNG d. GoI	2	3
Q10	The CGD company operating in Delhi is a. IGL b. MGL c. Gail d. BGL	2	3
SECTION B			
Q 1	Should Singapore be considered as gas trading hub? Justify your answer.	5	2
Q2	Write the pricing formulas adopted under marketing freedom provided to gas companies.	5	1,2
Q3	Should India continue with its quest for cross border pipelines? Justify answer with supporting facts.	5	2
Q4	Evaluate the challenges associated with CGD business.	5	1,3
SECTION-C			
Q 1	Should Singapore be considered as gas trading hub? Justify your answer.	10	1
Q2	Analyze the types of natural gas markets operating globally.	10	1,2
Q3	Evaluate the challenges facing India on its road to a gas based economy.	10	1
SECTION-D			
Q1	Analyze the natural gas business environment and growth opportunities.	15	2
Q2	What is FLNG? Does it have the potential to influence global gas market?	15	3