

Name:
Enrolment No:



UNIVERSITY WITH A PURPOSE

UNIVERSITY OF PETROLEUM & ENERGY STUDIES

End Semester Examination – May, 2019

Program/course: MBA (ET)
Subject: Oil Equity Acquisition & Asset Allocation
Code: OGET 8004
No. of page/s: 2

Semester : IV
Max. Marks : 100
Duration : 3 Hrs.


All questions shall be strictly answered in chronological order.

<u>SECTION A</u>		<u>[20 Marks]</u>	
Qs. 1	Define any two of the following terms: a. Biogenic gas b. Petroleum source rock c. Frontier basins d. API gravity	2.5 x 2	CO1
Qs. 2	Define & describe the classification of crude oil based on API gravity, geographical regions.	5	CO1
Qs. 3	Define the Geographical Information System (GIS) and describe its applications in upstream and downstream hydrocarbons sector	5	CO1
Qs. 4	What are unconventional petroleum resource? Enlist its main types which are being explored and produced successfully	5	CO1
<u>SECTION B</u>		<u>[20 marks]</u>	
Attempt any two of the three questions			
Qs. 5	Mention the main economic indicators of Oil & Gas projects. What is the importance of project economics in Oil & Gas projects?	10	CO2 CO3
Qs. 6	Describe the new hydrocarbon licensing policy HELP and how it is different from the earlier NEPL? Or/ Analyze the reasons for the recent Oil price Shock and its impact on the hydrocarbon industry. What measures companies has taken to deal with this?	10	CO2 CO3
Qs. 7	Evaluate e the Concessionary and Contractual systems of assets allocations in Petroleum licenses. Explain the PSC and give an example of a model PSC.	10	CO3

<u>SECTION C</u>		[30 marks]	
Qs. 8	<p>Enlist the pros and cons of HPCL merger and acquisition by ONGC.</p> <p>Write your analysis on the HPCL merger and acquisition by ONGC. in the light of the principal reasons for govt. to initiate HPCL–ONGC Merger?</p>	15	CO2 CO3
Qs. 9	<p>From the BP Energy Outlook Review 2017, explain any three of the followings base case key issues.</p> <p>a) Impact of electric cars on oil demand b) Oil supplies in a world of increasing abundance c) Implication of growth of LNG for global gas markets d) China’s changing energy landscape</p>	15	CO4
<u>SECTION D</u>		[30 marks]	
Qs. 10	<p>. “BP Azerbaijan Manages World class Pipeline BTC with GIS” has changed the crude transportation from Azerbaijan to Europe. Write your interpretation to the above case integrating the concepts you have studied in the course “I.T application in Oil & Gas”.</p>	15	CO4 CO5
Qs. 11	<p>“The Geopolitics influence the Energy markets,” Comment the statement in the light of case study, “China’s influence in the south china sea Oil & gas activities and the adverse economic impact on neighboring nations”.</p>	15	CO5 CO6

SET 2

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<i>All questions shall be strictly answered in chronological order.</i>			
<u>SECTION A</u>			[20 Marks]
Qs. 1	Define any two the following terms, e. Biogenic gas f. Petroleum source rock g. Frontier basins h. API gravity	2.5 x 2	CO1
Qs. 2	Describe the reasons for the recent Oil price Shock and its impact on the hydrocarbon industry. What measures companies has taken to deal with this?. What is the current outlook of international crude price?	5	CO1
Qs. 3	Describe the classification of crude oil based on API gravity and geographical regions.	5	CO1
Qs. 4	What is Geographical Information System (GIS) and describe its applications in upstream and downstream hydrocarbons sector	5	CO1
<u>SECTION B</u>			[20 marks]
Attempt any two of the three questions			
Qs. 5	Analyze the pros and cons of acquisition of ESSAR Oil by Rosneft. What are the principal reasons for M&A of companies in petroleum sector?	10	CO2, CO3

Qs. 6	Describe the Production Sharing Contract in petroleum Licensing. What are the other instruments in assets allocations in oil & gas? Describe Farm-in/ Farm-out process	10	CO2, CO3
Qs. 7	Describe the new hydrocarbon licensing policy HELP and how it is different from the earlier NEPL? Describe the National data Repository	10	CO2, CO3
<u>SECTION C</u>		[30 marks]	
Qs. 8	Evaluate the main economic indicators of Oil & Gas projects under consideration of acquisition. Analyze NPV and EMV in asset economic evaluation process	15	CO2, CO3
Qs. 9	From the BP Energy Outlook Review 2017, describe any three of the followings base case key issues. a) A faster mobility revolution b) Alternative pathways to a lower carbon world c) Risks to gas demand d) Will power dominate global energy demand growth?	15	CO4,
<u>SECTION D</u>		[30 marks]	
Qs. 10	Based on the article “Energy Diplomacy in Trade and Investment of Oil & Gas” (Article by Andreas Goldthau), Interpret and analyze of the above article in terms of – Defining Energy diplomacy, Modes of Interventions and your own views on : Does energy diplomacy make a difference?	15	CO4, CO5
Qs. 11	Refer to case study on “China’s influence in the south china sea oil & gas activities”, write a summary of the Geopolitical influence the on Energy markets and the adverse economic impact on neighboring nations as detailed in the case study above	15	CO5, CO6