

Name:
Enrolment No:



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

Program/course: MBA (ET)
Subject: Oil Equity Acquisition & Asset Allocation
Code: OGET 8004
No. of page/s: 3

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

All questions shall be strictly answered in chronological order.

SECTION A

Each question carries 5 marks
Attempt all questions

[30 Marks]

Qs.1	Define the following terms: a. GTL b. GGS c. SCADA d. FPSO e. PSC	1 x 5 =5	CO1
Qs.2	Describe the two main families of hydrocarbon series Paraffin and Naphthalene with their general formula also their economic value.	5	CO1
Qs.3	Define the API gravity of crude oil and the range of API gravity scale for different classification of crude oils.	5	CO1
Qs.4	Describe the concessional and contractual contracts used in petroleum industry for licenses.	5	CO1
Qs.5	Describe the Natural Gas composition and how LPG is different from Natural Gas in composition and calorific value?	5	CO1
Qs.6	Describe the Standard Oil Accounting Procedures (SOAP) used in the audit of the UK oil & Gas industry.	5	CO2

<u>SECTION B</u>		[50 marks]	
Each question carries 10 marks Attempt all questions			
Qs.7	Describe the deep-water bidding round of Mexico 2.4. Explain the two main components of the evaluation criteria.. How the super majors strategies to submit the bids for the offered blocks?	10	CO2
Qs. 8	1. Describe the Farm-in and Farm-out process in oil assets acquisition and what are the main advantages of it compared to a bid round? 2. Describe salient features of <i>Discovered Small & Marginal Field policy</i> for petroleum licenses award introduced by Indian government in 2015.	5 x 2=10	CO3
Qs. 9	Describe the energy diplomacy in trade and investment of oil & gas. Give three examples of state backed energy diplomacy initiatives globally.	10	CO3
Qs.10	Describe the significance of natural resources including petroleum in South China Sea and the role of China towards creating instability in this region. Explain the Hague Ruling and its implication and the status of dispute.	10	CO4
Qs.11	Explain the need for a global energy policy and the role of International Energy Forum (IEF) in mitigation of oil market risks. Describe the Joint Oil Data Initiative (JODI).	10	CO4
<u>SECTION C</u>		[20 marks]	
The question carries 20 marks Attempt any of the two case study			
Qs.12	Write a two to three page summary describing the US Shale revolution and the global supply impact from the HBR Case study, <i>The US Shale Revolution: Global Rebalancing (By Laura Alfaro)</i> or From the case study on “ <i>Valuation of Mature Onshore Oil fields: The new bidding round in Brazil</i> ”. Describe the emergence of small and marginal fields bidding and compare the new approach of Real Options in bidding viz- a- viz the traditional approach of DCF and NPV.	20	CO5