

Name:	
Enrolment No:	

**UNIVERSITY OF PETROLEUM AND ENERGY STUDIES**  
**End Semester Examination, December 2019**

<b>Course:</b> Petro Economics	<b>Semester:</b> III
<b>Programme:</b> MBA (OG)	<b>Course Code:</b> OGOG8001
<b>Time:</b> 03 hrs.	<b>Max. Marks:</b> 100

**Instructions: Answer strictly in Chronological order.**

**SECTION A**

**20**

S. No.	Answer the following questions in brief	Marks	CO
A Q 1	List down general characteristics of the link between energy and economic development	5	1,4
A Q2	Explain structural economic change ?	5	5
A Q3	How important is the gasification of coal for India's progress?	5	2,5
A Q4	What are petrodollars? Explain its significance in contemporary times	5	1,4

**SECTION B**

**40**

B Q1	How did oil, cars and mass production led to America's transition led by energy?	10	2
B Q2	What are the cyclical changes and how are they different from structural changes	10	5
B Q3	Analyze and bring out the role of policy initiative on the part of Government in reducing energy intensity in India.	10	2,3,4
B Q4	Explain the symbiotic relationship between transportation and energy with specific reference to oil and gas	10	2,5

**SECTION-C**

	From the class's assignment of projecting India's energy requirements answer Q1 and Q2 only .	20+20 = 40	1,2,3,4
C Q1	Explain top down and bottom up approaches of projecting energy requirements	10	
C Q2	Analyze demand side management scenario with particular reference to oil and gas	10	
	<b>Answer only two question from C Q 3, 4 &amp; 5</b>		
C Q3	Critically evaluate the main "Economic Indicators", of an economic model for an oil and gas investment opportunity. Describe the "Decision Tree" analysis to make investment decision.	10	

C Q4	How would renewables impact the India's energy requirement?	<b>10</b>	
C Q5	Your views on the latest economic condition of the world is considered to have a determining impact on energy ?	<b>10</b>	