


Name:			
Enrolment No:			
UNIVERSITY OF PETROLEUM AND ENERGY STUDIES End Semester Examination, December - 2022			
Course: Energy Economics Program: B.A. LL.B. (Hons.) Course Code: ECON3022		Semester: V Time: 03 hrs. Max. Marks: 100	
Instructions: Read the questions carefully and then answer.			
<u>SECTION – A</u>			
S. No.		Marks	CO
Q1	What is Demand Side Management (DSM)?	2	CO1
Q2	What is “Energy Efficiency”? Mention the mathematical formula determining “Energy Efficiency”?	2	CO1
Q3	What is field development?	2	CO2
Q4	What are Renewable Purchase Obligations (RPOs)?	2	CO2
Q5	Draw an Energy Flow Diagram.	2	CO1
<u>SECTION - B</u>			
Q6	Explain the different types of resource rent.	5	CO2
Q7	Elucidate the different cost features of renewable energy supply.	5	CO2
Q8	Analyze and explain how rebound effect produces negative effect for energy efficiency?	5	CO3
Q9	What are the possible sources of risk and uncertainties in the energy projects?	5	CO3
<u>SECTION-C</u>			
Q10	Analytically explain about various types of Load Management strategies with the help of relevant graphs.	10	CO3
Q11	Explain the different types of Energy Pricing Models. Which model is considered as the most apt for a competitive market pricing and why?	10	CO2
<u>SECTION-D</u>			

Q12	<p>A. Explain in detail about the exploration activities and the economic factors affecting the investment decisions in Oil Explorations.</p> <p>B. Highlight the risks involved in exploration activities.</p> <p>C. Discuss the legal arrangements used in Oil Exploration processes.</p> <p>Note: Explain with the help of graphs wherever applicable.</p>	<p style="text-align: center;">25 (10+10=5)</p>	<p style="text-align: center;">CO2</p>
Q13	<p>“Any Nation is susceptible to international shifts in energy markets which directly implicates any national energy scenario”.</p> <p>Analyze this statement with the help of global energy challenges faced by every nation.</p>	<p style="text-align: center;">25</p>	<p style="text-align: center;">CO4</p>