


Name:			
Enrolment No:			
<b>UNIVERSITY OF PETROLEUM AND ENERGY STUDIES</b> <b>End Semester Examination, December 2022</b>			
<b>Course: Renewable Energy: Laws and Policies</b> <b>Program: B.A. LL.B. (Hons.)</b> <b>Course Code: CLEL5003</b>		<b>Semester: IX</b> <b>Time: 03 hrs.</b> <b>Max. Marks: 100</b>	
<b>Instructions: Read the questions carefully before answering them</b>			
<b>SECTION - A</b>			
S. No.		Marks	CO
Q1	Whether Central Financial Assistance (CFA) is a viable solution to support Renewable Energy in India?	2	CO1
Q2	Define Renewable Energy Certificates (REC)?	2	CO3
Q3	What is the eligibility condition for a project to be classified as an Ultra Mega Solar Parks Scheme?	2	CO2
Q4	What is the scope/applicability of Atal Jyoti Yojana (Phase II)?	2	CO2
Q5	Write full form of the following: A) SNA B) VGF C) VRE D) SECI	2	CO1
<b>SECTION B</b> <b>(4Qx5M= 20 Marks)</b>			
Q6	Whether solar off grid programmes run by Government of India can capacitate the rural India?	5	CO2
Q7	Pursuant to guidelines for Tariff based competitive bidding process for procurement of power from grid connected Solar PV Power Projects, 2017 – elucidate upon the concept of tariff based competitive bidding process and Viability Gap Funding based bidding process.	5	CO3
Q8	Who are “Intermediary Procurer” and “End Procurer”?	5	CO3
Q9	Explain the significance of Wind Data Sharing Policy before establishment of Wind Energy Projects.	5	CO2
<b>SECTION-C</b>			
Q10	“Every unit of Indian household could be a potential power generating station.”	10	CO2

	Justify this statement with the help of Solar Off-Grid Policy adopted by India. Also, highlight the market models outlined by the policy concerned.										
Q11	<p>“SERC and other regulatory institutions shall not have jurisdiction to regulate the matters and disputes arising in Exclusive Economic Zones (EEZ) beyond 12 nautical miles to 200 nautical miles for offshore wind energy projects pursuant to National Offshore Wind Energy Policy, 2015”.</p> <p>Analyze the aforementioned statement and outline the crucial elements in the background of the National Offshore Wind Energy Policy, 2015.</p>	10	CO2								
<b>SECTION-D</b>											
Q12	<p><i>“Hydrogen is an attractive alternative fuel. However, unlike coal, gas or oil, hydrogen is not a primary energy source..... It can be stored as a fuel and used in transportation and distributed heat and power generation systems using fuel cells, internal combustion engines or turbines, with the only by-product at the transportation sector could address one of the world’s major environmental problems (Jacob et al.)”</i></p> <p>Analyze the role of Hydrogen in Indian energy scenario that whether it can provide as a sustainable energy solution with the help of National Hydrogen Mission and the Policy adopted by Government of India in 2022.</p>	25	CO2								
Q13	<p style="text-align: center;"><b><u>Transaction of RECs on IEX for the Month of November, 2022</u></b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">Renewable Energy Certificates</th> <th style="text-align: center;">Solar Volume</th> <th style="text-align: center;">Non Solar Volume</th> <th style="text-align: center;">Price</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">Cleared Volume = 3.58 Lakhs  Equivalent units = 358 Million Units</td> <td style="text-align: center;">Certificates = 1.82 Lakhs  <b>(Cleared Volume)</b></td> <td style="text-align: center;">Certificates = 1.76 Lakhs  <b>(Cleared Volume)</b></td> <td style="text-align: center;">Rs. 1,000/- Per REC</td> </tr> </tbody> </table> <p>The potential of RECs from power market perspective is significant and statistically proven to be a crucial aspect of power market in India.</p>	Renewable Energy Certificates	Solar Volume	Non Solar Volume	Price	Cleared Volume = 3.58 Lakhs  Equivalent units = 358 Million Units	Certificates = 1.82 Lakhs  <b>(Cleared Volume)</b>	Certificates = 1.76 Lakhs  <b>(Cleared Volume)</b>	Rs. 1,000/- Per REC	25 (5+5+15)	CO3
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	<p>Having regard to the above statistics and Renewable Energy Certificate Regulations, 2022 answer the following questions:</p> <ol style="list-style-type: none"><li>1. How RECs contribute in Power Market Development in India?</li><li>2. Elucidate the eligibility of an entity for issuance of REC.</li><li>3. What is the procedure for issuance, registration and redemption of RECs?</li></ol>		
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