

Name:

Enrolment No:



UNIVERSITY OF PETROLEUM AND ENERGY STUDIES
End Semester Examination, Dec 2020

Course: Renewable Energy Policies
Program: M Tech Renewable Energy Engg.
Course Code: EPEC-8007

Semester: III
Time 03 hrs.
Max. Marks: 100

SECTION A

- 1. Each Question will carry 5 Marks**
2. Instruction: Write your answers in short (5 line max)

S. No.	Question	CO
Q1	Differentiate between policy and legislation giving one example.	CO1
Q2	List down the key features of Off Grid Solar PV policy for rural areas of India.	CO2
Q3	Outline some key barriers for implementing the REC mechanism in India	CO3
Q4	Write down some crucial provision given under financial and economic support structure in NREA (National Renewable Energy Act)-2015	CO4
Q5	Highlight some key financial incentives under JNNSM Scheme that attracts the investors.	CO5
Q6	Out of Solar PV and wind power plant (Grid connected) which is the most feasible technology for hilly regions in India and name any one policy, which support your answer.	CO1

SECTION B

- 1. Each question will carry 10 marks**
2. Instruction: Write short / brief notes

Q7	Explain the REC trading mechanism in detail and list some key features of REC mechanism.	CO1
Q8	Compare the Indian Village Energy Security Programme (VESP) of India with any other country energy security program for rural development. What are your key observation?	CO2
Q9	Explain the role of distribution licensee as per the Indian regulation for grid interconnections of renewable energy systems.	CO3
Q10	(a) Discuss the methodology of energy pricing of solar PV grid connected rooftop system and what exactly are consumers paying for? (b) Are today's electricity tariffs too high or too low justify your answer by highlighting the impact of use of Renewable Energy in power sector.	CO4

Q11	List the technologies, which can be used for, decentralized generation, discuss some key regulatory issues faced by the entrepreneurs, and suggest the solution for the same.	CO5
Section C		
1. Each Question carries 20 Marks. 2. Attempt any one question 3. Write your answer in detail		
Q12	As an entrepreneur in renewable energy sector, which type of business you want to run, explain the business model in detail and also select the relevant policy which will assist in setting up and running your business model.	CO1
OR		
	Write your views regarding the New National Biogas and Organic Manure Programme (NNBOMP) launched by MNRE (GoI) in year 2018 highlighting all the aspects considered in the policy and its benefits to the stakeholders.	CO1