


Name:		
Enrolment No:		
UNIVERSITY OF PETROLEUM AND ENERGY STUDIES		
End Semester Examination, December 2021		
Program Name: M.Tech. – Energy System and Sustainability		Semester: I
Course Name : Climate Change and Sustainability		Time : 03 hrs.
Course Code : EPEC 7042		Max. Marks: 100
SECTION A		
1. Each question carry 4 marks		5 x 4
2. Instructions : Brief answer		
	Question	CO
Q 1	Justify the statement “Root cause of global warming is high energy consumption”	CO1
Q 2	Briefly Describe the Energy Cycle	CO1
Q 3	List down the Sustainable Development Goals	CO2
Q 4	Describe the way forward for Implementing SDGs in India	CO2
Q 5	Illustrate the missions under NAPCC	CO 3
SECTION B		
1. Each question carry 10 marks		4 x 10
2. Instructions : Write short notes		
Q 6	Explain the global environmental Concerns and Issues	CO1
Q 7	Describe the Sustainable Development Goals.	CO2
Q 8	Give an overview about India’s schemes and actions aligned with SDGs	CO2
Q 9	Explain the actions required for a low carbon economy	CO 4
SECTION-C		
1. Question carries 20 Marks.		2 x 20
2. Instruction: Write long answer		
Q 10	Illustrate the objectives mentioned in India's Intended Nationally Determined Contributions towards preventing Climate Change	CO 3
Q 11	Explain the key elements of Sustainability Accounting OR Describe the overview of Environment Management System ISO 14000 and Guidance on Social Responsibility ISO 26000.	CO 4