

Name:			
Enrolment No:			
UNIVERSITY OF PETROLEUM AND ENERGY STUDIES End Semester Examination, December 2019			
Course: Energy Management System Program: M.Tech. – Energy System + Renewable Energy Engg Course Code: EPEC7022		Semester: I Time: 03 hrs. Max. Marks: 100	
Instructions: All questions to be answered			
SECTION A			
#		Marks	CO
Q 1	Describe the Sustainable Development	4	CO1
Q 2	Briefly explain Climate Change Impact of high energy consumption	4	CO1
Q 3	Write a note on enhancement of energy performance	4	CO2
Q 4	Describe CER and Carbon credit	4	CO1
Q 5	Describe Commercial and Non-Commercial Energy	4	CO2
SECTION B			
Q 6	Explain the benefits and importance of energy conservation	10	CO2
Q 7	Describe the CoP and its significance	10	CO1
Q 8	Explain the Energy Strategies for future	10	CO3
Q 9	Explain the Energy sector reform made by Electricity act 2003	10	CO3
	OR		
	Suggest the steps to be taken for Energy Security in India		
SECTION-C			
Q 10	Explain the NAPCC and 8 missions under it	20	CO4
Q 11	Describe the benefits of opting the International Energy management system ISO50001	20	CO5
	OR		
	Explain the basic mechanism of any ISO system like ISO50001 for industry.		