

<b>Name:</b>	
<b>Enrolment No:</b>	

**UNIVERSITY OF PETROLEUM AND ENERGY STUDIES**  
**Online End Semester Examination, May 2020**

<b>Course: Sustainable Development</b>	<b>Semester: VI</b>
<b>Program: BA Energy Economics</b>	<b>Time 03 hrs.</b>
<b>Course Code: ECON2005</b>	<b>Max. Marks: 100</b>

**SECTION A**

- 1. Each Question will carry 5 Marks**
- 2. Instruction: Complete the statement / Select the correct answer(s)**

S. No.	Question	CO
Q 1	Which of the following is not a major greenhouse gas? (a) ozone (b) water vapour (c) methane (d) carbon dioxide	CO1
Q2	Which of the following statement is correct? (a) Renewable resources should provide a sustainable yield (the rate of harvest should not exceed the rate of regeneration). (b) For non-renewable resources there should be equivalent development of renewable substitutes. (c) Waste generation should exceed the assimilative capacity of the environment a. (a) and (c) b. (b) and (c) c. (a) and (b) d. None	CO1
Q3	Which of the following options is correct when we only accomplish two out of three pillars of sustainable development? (a) Economic + Environmental sustainability = Viable (b) Social + Environmental sustainability = Bearable (c) Social + Economic sustainability = Equitable (d) All of the above	CO1
Q4	Deforestation generally decreases (a) Rainfall (b) Soil erosion (c) Draught (d) Global warming	CO2
Q5	The Greenhouse Effect (a) is the decrease in the surface temperature on Earth (b) is the rise in the surface temperature on Earth (c) is caused by the oxygen shortage (d) None of the above	CO3
Q6	_____ is an organism used to gauge the quality of an ecosystem.	CO1

	(a) Decomposers (b) Predator (c) Bio-remediator (d) Bioindicator	
<b>SECTION B</b>		
<b>1. Each question will carry 10 marks</b> <b>2. Instruction: Write short / brief notes</b>		
Q 7	Discuss briefly about the science of climate change. What are the conditions of India in the context of climate change and greenhouse gasses (GHG)?	<b>C02</b>
Q 8	Briefly discuss whether India is successful in removing poverty after following MDGs. Give your proper justification.  OR Write down briefly one case study on Green GDP.	<b>C04</b>
Q 9	Write down short note on --- (a) Genuine Saving. (b) Natural Carrying Capacity and Environment	<b>C03</b>
Q 10	Discuss briefly the relation between the economy and the environment along with Green GDP. How it is different from GDP?	<b>C02</b>
Q 11	Critically analyze Precautionary Principle highlighting real world implications.	<b>C04</b>
<b>Section C</b>		
<b>1. Each Question carries 20 Marks.</b> <b>2. Instruction: Write long answer.</b>		
Q12	Critically explain the Neo classical economics and their principles on sustainable Development.  OR Discuss the Transboundary Problem and Environment damage issues along with some real world example. Is it related to Global warming give your justification?	<b>C03</b>