



Name:

Enrolment No:

UPES

End Semester Examination, May 2023

Course: Climate Change & Sustainability

Program: BBA GES

Course Code:

Semester: II

Time : 03 hrs.

Max. Marks: 100

Instructions:

SECTION A
10Qx2M=20Marks

S. No.		Marks	CO
Q 1	All questions are compulsory		
1	Global warming is attributed to the presence of the following gases in the atmosphere 1) Methane 2) Sulphur dioxide 3) Surface Ozone 4) Nitrogen dioxide 5) Carbon dioxide Choose the correct answer from the options given below: a) 1, 2,3 and 5 b) 1, 3 and 5 c) 1, 3, 4 and 5 d) 1, 2, 4 and 5	2	CO1
2	Increased concentration of which of the following may cause maximum global warming: a) Oxygen b) Nitrogen c) Carbon dioxide d) Water vapor	2	CO1
3	What does UNFCCC stand for? a) United Nations Framework Control on Climate Change b) United Nations Framework Convention on Climate Change c) United Nations Framework Communications on Climate Change d) United Nations Framework Climate Communications Council	2	CO1
4	In 'global warming' the temperature of a) Troposphere increase b) Ionosphere increase c) Mesosphere increase d) Stratosphere increase	2	CO1
5	The UN's SDG 7 aims to a) Ensure healthy lives and promote well-being for all at all ages	2	CO1

	<ul style="list-style-type: none"> b) Ensure availability and sustainable management of water and sanitation for all c) Ensure affordable and clean energy d) Take urgent action to combat climate change and its impact 		
6	<p>Which of the following statement is true about the exponential population growth?</p> <ul style="list-style-type: none"> a) When resources are limited, population exhibit exponential growth, resulting in a J-shaped growth b) When resources are unlimited, populations exhibit exponential growth, resulting in a J-shaped growth c) When resources are limited, populations exhibit exponential growth, resulting in a U-shaped curve d) When resources are unlimited, populations exhibit exponential growth, resulting in a U-shaped curve 	2	CO1
7	<p>COP 21 took place in</p> <ul style="list-style-type: none"> a) Glasgow b) Kyoto c) Paris d) Lima 	2	CO1
8	<p>What is the definition of climate change as per the Working Group II of the Intergovernmental Panel on Climate Change (IPCC)?</p> <ul style="list-style-type: none"> a) It refers to any change in the climate over time to natural variability b) It refers to any change in the climate over time as a result of human activity c) It refers to any change in the climate over time, whether due to natural variability or because of human activity d) None of these 	2	CO1
9	<p>Which of the following is not a part of Sustainable Development Goals (SDGs) target to be achieved by 2030?</p> <ul style="list-style-type: none"> a) Providing free primary and secondary schooling to children b) Universal access to a quality higher education c) Equal access to affordable vocational training d) Free higher educational to all 	2	CO1
10	<p>Which of the following are the UN SDGs?</p> <ul style="list-style-type: none"> 1) Conserve and sustainability use the oceans, seas and marine resources 2) Reduce inequality within and among countries <p>Select the correct answer</p> <ul style="list-style-type: none"> a) 1 only b) 2 only c) Both 1 & 2 d) None of these 	2	CO1
<p>SECTION B 4Qx5M= 20 Marks</p>			
Q 1	Explain the concept of climate justice.	5	CO2

Q2	How do different countries view UN climate change policies?	5	CO2
Q3	Describe the key aspects of the Paris Agreement.	5	CO2
Q4	Explain the concept of green economy and its benefits.	5	CO2
SECTION-C 3Qx10M=30 Marks			
Q1	What are the easy solutions to keep climate change at bay?	10	CO3
Q2	What is the history of the sustainable development goals?	10	CO2
Q3	How does technology application help in fight against the climate change? Illustrate with the help of examples.	10	CO3
SECTION-D 2Qx15M= 30 Marks			
Q1	What are the key findings of the IPCC fifth assessment report on climate change.	15	CO3
Q2	Will India be able to achieve the emissions and net zero target? Substantiate your answer with the help of policy and industry initiatives introduced in India.	15	CO3