



Name:

Enrolment No:

**UNIVERSITY OF PETROLEUM AND ENERGY STUDIES**

**End Semester Examination, May 2023**

**Course: Climate change and Business**

**Program: Int. B.Com MBA**

**Course Code: FINC 2079**

**Semester: IV**

**Time : 03 hrs.**

**Max. Marks: 100**

**Instructions:**

**SECTION A  
10Qx2M=20Marks**

S. No.		Marks	CO
Q 1	What is carbon sequestration? A. The process of capturing carbon dioxide and storing it underground B. The process of releasing carbon dioxide into the atmosphere C. The process of removing carbon dioxide from the ocean D. The process of planting trees to absorb carbon dioxide	2	CO1
Q 2	What is the impact of climate change on wildlife? A. Wildlife is not affected by climate change B. Wildlife is adapting to the changing climate C. Wildlife is experiencing habitat loss and extinction D. Wildlife is thriving due to increased carbon dioxide in the atmosphere	2	CO1
Q 3	What is the impact of climate change on human health? A. Climate change has no impact on human health B. Climate change is causing an increase in infectious diseases C. Climate change is causing a decrease in allergies D. Climate change is causing a decrease in air pollution	2	CO1
Q 4	What is the impact of climate change on extreme weather events? A. Extreme weather events are becoming less frequent and less severe B. Extreme weather events are becoming more frequent and more severe C. Extreme weather events are not affected by climate change D. The impact of climate change on extreme weather events is unknown	2	CO1
Q 5	What is ocean acidification? A. The process by which carbon dioxide is removed from the ocean B. The process by which the ocean absorbs heat from the sun C. The process by which the pH of the ocean decreases due to increased carbon dioxide in the water D. The process by which the salinity of the ocean increases due to melting ice caps	2	CO1
Q 6	What is the name of the international agreement on climate change that was signed in 2015? A. The Paris Agreement B. The Kyoto Protocol	2	CO1

	C. The Copenhagen Accord D. The Bali Road Map		
Q 7	What is the impact of climate change on sea levels? A. Sea levels are not affected by climate change B. Sea levels are rising due to melting ice caps and glaciers C. Sea levels are falling due to increased precipitation D. Sea levels are becoming more acidic due to increased carbon dioxide in the ocean	2	CO1
Q 8	What is the greenhouse effect? A. The process by which Earth's atmosphere traps heat from the sun B. The process by which Earth's atmosphere cools the planet C. The process by which carbon dioxide is removed from the atmosphere D. The process by which water vapor is removed from the atmosphere	2	CO1
Q 9	What is the primary cause of climate change? A. Changes in the Earth's orbit B. Solar radiation C. Human activity, such as burning fossil fuels D. Volcanic activity	2	CO1
Q 10	Which of the following is not a potential impact of climate change on businesses? A. Increased energy costs B. Disruption to supply chains C. Decreased demand for renewable energy D. Damage to infrastructure	2	CO1
<b>SECTION B</b> <b>4Qx5M= 20 Marks</b>			
Q 11	Write a short note on Carbon Footprint	5	CO2
Q 12	Discuss the opportunities for businesses and industries to take a leadership role in addressing the challenges posed by climate change	5	CO2
Q 13	Discuss the role of governments and policymakers in addressing the challenges posed by climate change for businesses and industries.	5	CO2
Q 14	Write a short note on Carbon capture and Storage.	5	CO2
<b>SECTION-C</b> <b>3Qx10M=30 Marks</b>			
Q 15	What are the ethical considerations surrounding the impact of climate change on business, and how can businesses balance their economic interests with the need to address the environmental and social challenges posed by global warming?	10	CO3
Q 16	How are global supply chains being affected by climate change, and what are the implications for businesses that rely on these networks to source materials and products?	10	CO3

Q 17	<p>How are investors and financial institutions responding to the risks posed by climate change, and what steps can businesses take to ensure their long-term financial sustainability in the face of these risks?</p> <p style="text-align: center;"><b>OR</b></p> <p>How can businesses and industries ensure that their operations are resilient in the face of climate-related disruptions, and what steps can companies take to prepare for the long-term impacts of global warming on their operations and supply chains?</p>	<b>10</b>	<b>CO3</b>
<p><b>SECTION-D</b> <b>2Qx15M= 30 Marks</b></p>			
Q 18	<p>How is climate change affecting businesses and industries worldwide, and what are the potential long-term economic impacts of these changes?</p>	<b>15</b>	<b>CO4</b>
Q 19	<p>In what ways are businesses and organizations adapting to the challenges posed by climate change, and what are some of the strategies being employed to reduce carbon emissions and mitigate the impacts of global warming?</p> <p style="text-align: center;"><b>OR</b></p> <p>How can businesses measure and report on their carbon footprint and environmental impact, and what are some of the best practices for tracking and reducing these emissions?</p>	<b>15</b>	<b>CO4</b>