

**POST GRADUATE CERTIFICATE IN
CLIMATE CHANGE (PGCCC)**

Term-End Examination

June, 2022

MEV-022 : IMPACTS OF CLIMATE CHANGE

Time : 3 hours

Maximum Marks : 100

Note : Answer any **ten** questions. All questions carry equal marks.

1. Explain the impacts of climate change on agriculture. 10

2. Write short notes on the following : 5+5=10
 - (a) Greenhouse gas emissions from agriculture
 - (b) Impacts of agriculture on environment

3. Discuss the direct and indirect effects of global warming on forests. 10

4. Discuss the ways to reduce greenhouse gas emissions from livestock. 10

5. Explain the interactions between soil and environment. *10*

 6. Explain the climate change effect on physical and chemical properties of oceans. *10*

 7. Describe the vulnerability and migration pattern of marine organisms to climate change. *10*

 8. Explain the interactions between the wetlands and climate change. *10*

 9. Explain the characteristic features of the mountain ecosystem. Describe the potential impact of climate change on glacier melting. *5+5=10*

 10. Define soil erosion. Explain different types of soil erosion. *2+8=10*
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