

No. of Printed Pages : 2

MEV-022

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

Term-End Examination

December, 2023

MEV-022 : IMPACTS OF CLIMATE CHANGE

Time : 3 Hours

Maximum Marks : 100

Note : (i) Answer any **ten** questions.

(ii) All questions carry equal marks.

1. Explain the impacts of agriculture on environment. 10
2. Write short notes on the following : 5+5=10
 - (a) Forests as carbon sink
 - (b) Forest fires
3. Discuss the impact of climate change on biological properties of ocean. 10
4. Explain the ways to mitigate greenhouse gas emissions from livestock. 10
5. Explain the migration pattern of marine organisms to climate change. 10

P. T. O.

[2]

6. Discuss the potential impacts of climate change on glacier melting. 10
7. Explain the climate change impacts on biodiversity. 10
8. What is soil erosion ? Explain the different types of soil erosion. 2+8=10
9. Explain the significance of wetlands in climate change adaptation. 10
10. Write short notes on the following : 5+5=10
 - (a) Sustainable livelihood
 - (b) Urban heat island effect
11. Discuss the potential impacts of climate change on human health. 10
12. What is an infrastructure ? Explain the impacts of climate change on transportation infrastructure. 2+8=10
13. Write short notes on the following : 5+5=10
 - (a) Water-borne diseases
 - (b) Energy security
14. Discuss the impacts of floods in urban areas. 10

MEV-022