

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

Term-End Examination

December, 2024

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. Discuss the impacts of climate change on agricultural production. 10
2. Discuss the impacts of climate change on forest sector. 10
3. Write short notes on the following : 5+5=10
 - (a) Carbon sequestration
 - (b) REDD
4. Discuss the impacts of climate change on ocean ecosystem. 10
5. Highlight the influence of climate change on the migration pattern of marine organisms. 10

6. Explain the role of wetlands in climate change mitigation. 10
7. Write short notes on the following : 5+5=10
 - (a) Soil erosion
 - (b) Hydrological cycle
8. Explain the impacts of climate change on glaciers. 10
9. Discuss the role of ruminants in causing climate change. 10
10. Explain the role of biodiversity in agricultural production. 10
11. Discuss the features of climate resilient infrastructure. 10
12. Write short notes on the following : 5+5=10
 - (a) Urban heat island effect
 - (b) Climate refugees
13. Write short notes on the following : 5+5=10
 - (a) Energy security
 - (b) Biofuels
14. What are the effects of climate change on human health ? 10

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