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MEV-022

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

Term-End Examination

June, 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. Discuss the strategies to reduce greenhouse gas emissions from agricultural sector. 10
2. Discuss the climate change impacts on forest resources. 10
3. Discuss the impacts of climate change on marine fisheries. 10
4. Explain the process of soil salinization. 10
5. Explain the interaction between the wetlands and climate change. 10
6. Write short notes on the following. 5+5=10
 - (a) Ocean acidification
 - (b) Sea level rise

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7. Discuss the impacts of climate change on livelihoods. 10
8. Write short notes on the following : 5+5=10
- (a) Hydrological cycle
 - (b) Mountain ecosystem
9. What is water harvesting ? Explain the water harvesting systems practised in India. 2+8=10
10. Discuss the contribution of biodiversity in climate change management. 10
11. Discuss the impacts of climate change on human health. 10
12. Discuss the impacts of climate change on energy and telecommunication infrastructure. 10
13. Write short notes on the following : 5+5=10
- (a) Coastal vulnerability
 - (b) Climate refugees
14. Write short notes on the following : 5+5=10
- (a) Renewable energy sources
 - (b) Non-renewable energy sources

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