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MEV-023

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

**Term-End Examination
June, 2023**

**MEV-023 : MITIGATION AND ADAPTATION TO
CLIMATE CHANGE**

Time : 3 Hours

Maximum Marks : 100

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

(ii) All questions carry equal marks.

1. Discuss the market mechanisms adopted in climate change management policy. 10
2. Explain the salient features of Paris Agreement on Climate Change. 10
3. Write short notes on the following : 5+5
 - (a) Solid Waste Management
 - (b) The Kyoto Protocol
4. Describe the carbon capture and storage mechanisms. 10
5. Explain the significance of mainstreaming adaptation strategies in climate change management. 10

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6. Explain the strategies to manage soil organic matter. 10
7. Discuss the causes and impacts of deforestation on environment. 10
8. What is energy security ? Enumerate the drivers of diversification of energy sources.
2+8=10
9. What is automotive energy efficiency ? Explain the strategies to increase the automotive energy efficiency. 2+8=10
10. Discuss the salient features of resilient health-service infrastructure. 10
11. What is climate smart agriculture ? Describe the features of climate smart agriculture.
2+8=10
12. Write short notes on the following : 5+5=10
 - (a) Global carbon cycle
 - (b) Coal bed methane technology
13. Write short notes on the following : 5+5=10
 - (a) Energy conservation
 - (b) Common but differentiated responsibility
14. Write short notes on the following : 5+5=10
 - (a) Global Environment Facility
 - (b) Natural Resource Management