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MEV-023

**POST GRADUATE CERTIFICATE IN
CLIMATE CHANGE**

(PGCCC)

Term-End Examination

June, 2026

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

Time : 3 Hours

Maximum Marks : 100

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

(ii) All questions carry equal marks.

1. What is climate-smart agriculture ? Explain the features, advantages and limitations of climate-smart agriculture. 2+8
2. Write short notes on the following : 5+5
 - (a) Kyoto protocol
 - (b) Energy conservation

3. What is carbon capture and storage technology ? Explain the principle, advantages and challenges to carbon capture and storage technology. 2+8
4. Write short notes on the following : 5+5
 - (a) Carbon markets
 - (b) Natural resource management
5. What is carbon sequestration ? Explain the measures to be taken to increase carbon sequestration in agricultural landscape. 2+8
6. Write short notes on the following : 5+5
 - (a) Automotive energy efficiency
 - (b) Composting
7. Explain the recommended public health actions to address climate change at various levels. 10
8. What is climate change mitigation ? Explain the waste management strategies for climate change mitigation. 2+8

9. Write short notes on the following : 5+5
- (a) Intergovernmental panel on climate change
 - (b) Conference of parties to UNFCCC
10. What is deforestation ? Explain the causes and consequences of deforestation. 2+8
11. Examine the mitigation and adaptation strategies for sustainable agricultural management with examples. 10
12. Explain the salient features of Paris agreement on climate change. 10
13. Write short notes on the following : 5+5
- (a) Carbon neutrality
 - (b) Watershed management
14. Discuss the measures and programmes adopted in India towards harnessing solar energy. 10

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