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REVE–006

**Ph. D. (ENVIRONMENTAL SCIENCE)
(PHDEV)**

Term-End Examination

December, 2024

REVE–006 : CLIMATE CHANGE

Time : 3 Hours

Maximum Marks : 100

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

(ii) All questions carry equal marks.

1. Write short notes on the following : 5+5=10
 - (a) Vertical structure of the atmosphere
 - (b) Composition of the atmosphere
2. Explain the natural drivers of climate change.

10
3. Discuss the causes and impacts of deforestation.

10
4. Explain the causes and consequences of urban flooding.

10

5. Explain the impacts of climate change on agriculture. 10
6. Explain the causes and consequences of crop residue burning. 10
7. What are entrance weather events ? Explain the occurrence of extreme weather events.
2+8=10
8. Explain the salient features of National Action Plan on climate change. 10
9. Write short notes on the following : 5+5=10
- (a) Rainwater harvesting
 - (b) Kyoto Protocol
10. Write short notes on the following : 5+5=10
- (a) Melting of glaciers and icecaps
 - (b) Hydrological cycle
11. Write short notes on the following : 5+5=10
- (a) Climate refugees
 - (b) Renewable energy sources
12. Write short notes on the following : 5+5=10
- (a) Conference of Parties
 - (b) IPCC

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13. Write short notes on the following : 5+5=10

(a) Natural Resource Management

(b) Solid Waste Management

14. Write short notes on the following : 5+5=10

(a) Common but differentiated responsibility

(b) Energy conservation

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