

**2020**

**GEOGRAPHY — HONOURS**

**Paper : DSE-A-2**

**(Climate Change : Vulnerability and Adaptations.)**

**Full Marks : 50**

*The figures in the margin indicate full marks.*

*Candidates are required to give their answers in their own words  
as far as practicable.*

**Category - A**

Answer **any five** questions (each within **50** words).

2×5

1. What is meant by electromagnetic spectrum?
2. What is meant by carbon trading?
3. What is the significance of the hockey stick graph of global temperature trend?
4. Mention two roles of panchayats on climate change mitigation.
5. Write the aim of Green Climate Fund.
6. How is global warming related to sea-level rise?
7. Mention any two adaptive strategies to combat contemporary climate change.

**Category - B**

Answer **any four** questions (each within **150** words).

5×4

8. Explain the significance of dendrochronology in studying climate change.
9. Discuss the impact of climate change on human health.
10. What are the basic tenets of Kyoto Protocol?
11. Write the fundamental objectives of IPCC Report.
12. Describe the functions of COP.
13. What were the main objectives of Clean Development Mechanism?

**Please Turn Over**

**Category - C**

Answer **any two** questions (each within **500** words).

14. Explain the nature of climate change with reference to the geological time scale. What is climate cycle?  
8+2
  15. Discuss the significance of greenhouse gases in global warming. Comment on the contemporary trends of global warming.  
6+4
  16. Highlight the key issues of the National Action Plan on climate change in India. 10
  17. Describe with suitable examples the impact of climatic change on agriculture in the South Asian Region. 10
-