



PG – 945

III Semester PG Degree Examination, February 2017
(CBCS Scheme)
ENVIRONMENTAL SCIENCE
Climate Change and Current Issues
(Open Elective)

Time : 3 Hours

Max. Marks : 70

Instruction : Answer all Sections.

SECTION – A

1. Write short answers for the following : **(10x2=20)**
- Acid Rain
 - Global dimming
 - IPCC
 - CFC's
 - Carbon foot print
 - Cop
 - UNFCCC
 - Albedo effect
 - List greenhouse gases
 - Sustainable development.

SECTION – B

Answer **any four** questions :

(4x5=20)

- Explain Greenhouse effect.
- Write a note on formation and classification of clouds.

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4. Explain the objectives of kyoto protocol and its implementation mechanism.
5. Explain the urban heat island process and its effects.
6. Explain the cause and consequences of El-Nino and La-Nino.
7. Describe the effects of anthropogenic activities on Earth's atmosphere.

SECTION - C

Answer **any three** questions :

(3×10=30)

8. Explain the chemical composition and structure of atmosphere.
9. Discuss the potential impacts of climate change on environment.
10. Discuss the international climate change policies and highlight the key issues for future climate change regime.
11. Explain mitigation and adaptation strategies for climate change.
12. Discuss on ozone layer depletion, issues and advance research to protect the ozone layer.