



6/12/2012

DOON UNIVERSITY, DEHRADUN
Semester Final Examination, First Semester, 2012
School of Environment & Natural Resources

M.Sc. (Environmental Studies, Natural Resource Management)
Course: EGC – 572: Global Environmental Issues

Time Allowed: 3Hours

Maximum Marks: 50

Note: Attempt Questions from All Sections: A, B, C

Section : A (Short Answer Type Questions to be answered in about 100 words Attempt any FIVE Questions. (Marks:2x 5=10)

1. Define the term global warming potential for various GHGs?
2. Kyoto protocol has provided different mechanism for achieving GHGs reduction to developed countries, how they are important for developed & developing countries?
3. What are the per capita GHGs contributions by various developed and developing countries?
4. Discuss the role of acid rain on Nutrient cycling and Environment?
5. Discuss in brief about Agenda 21.
6. Discuss in details about the effect of global warming on Earth.
7. Write about on Brundtland Commission for Sustainable development.

Section : B (Long Answer Type Questions to be answered in about 400 words Attempt any FOUR Questions. (Marks:5x 4=20)

1. Give detail list of various vulnerable sectors directly affected by the climate change.
2. Discuss the effects on Carbon Cycle due to human interventions.
3. How Biodiversity loss is linked with climate change phenomenon?
4. Give brief notes on Stockholm Convention on Persistent Organic Pollutants (POPs), Basel convention, and Rotterdam convention.
5. Write short account on Silent spring, An Inconvenient Truth, The Montreal Protocol, The Vienna Convention?
6. Give brief notes on Convention on biological diversity, Nagoya protocol, and Cartagena protocol?

Section : C (Long Answer Type Questions to be answered in about 750 words Attempt any TWO Questions. (Marks: 10x 2=20)

1. What are the various drivers for climate change, Biodiversity loss and Ozone depletion? How they are interlinked?
2. Discuss the role of green house effect on Earth for life. What are the various GHGs, their emission sources and role in climate change?
3. Describe the role and mechanism of paddy field, forest fire, refrigerating industries, deforestation, and refuge combustion in climate change phenomenon?
4. Discuss in details about UNFCCC, Kyoto protocol to the UNFCCC with specific views on Doha conference?