

**UTTARAKHAND OPEN UNIVERSITY, HALDWANI (NAINITAL)****उत्तराखण्ड मुक्त विश्वविद्यालय हल्द्वानी (नैनीताल)****M.Sc. Environmental Science (MSCEN-13)****IIND YEAR ASSIGNMENT****Last Date of Submission 15 May****जमा करने की अन्तिम तिथि: 15 मई****Course Title: Global Environmental Issues****Course Code: ES 554****Year: 2014-15****Maximum Marks: 40****Section 'A'**

Section 'A' contains 08 short answer type questions of 5 marks each. Learners are required to answers 4 questions only. Answers of short answer-type questions must be restricted to 250 words approximately.

Briefly discuss the following:

- 1- Explain the role of green house gases in earth's radiation budget.
- 2- Write short note on:
 - a. Carbon trading and carbon credits
 - b. Antarctica hole
- 3- Differentiate between:
 - a. Climate and weather
 - b. Fusion and fission
 - c. Afforestation and reforestation
- 4- Complete the following acronyms:
CDM, IPCC, GHG, GCM, NGO
- 5- Describe poverty and globalization.
- 6- Describe indicators of sustainability.
- 7- How biodiversity is related to sustainable development?
- 8- Describe impacts of acid rain on water bodies and property.

Section 'B'

Section 'B' contains 04 long answer-type questions of 10 marks each. Learners are required to answers 02 questions only.

- 1- What do you understand by sea level rise? Explain the reasons of sea level rise and its control measures.
- 2- Describe green solutions to control ozone depletion.
- 3- Discuss the conditions that led to Chernobyl disaster. What are the lessons from it?
- 4- What is globalization? Discuss the pro and anti views about globalization in regard to environment and human health.