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## ES-554

### Global Environmental Issues

M.Sc. Environment Science (MSCES-19)

2nd Year Examination, 2021 (Winter)

**Time : 2 Hours]**

**Max. Marks : 80**

**Note :** This paper is of Eighty (80) marks divided into two (02) Sections A and B. Attempt the questions contained in these sections according to the detailed instructions given therein.

### SECTION–A

#### (Long Answer Type Questions)

**Note :** Section 'A' contains Five (05) long answer type questions of Twenty (20) marks each. Learners are required to answer any Two (02) questions only.

(2×20=40)

1. What do you understand by global warming and climate change? Discuss its impacts with particular reference to India. Also discuss the mitigation measures that should be taken to combat it.

2. What is stratospheric ozone layer? Discuss its formation, causes and mechanism of depletion. Also discuss the environmental threats associated with it.
3. What are the causes of nuclear accidents? Discuss the impacts or consequences of nuclear accidents in detail.
4. Write a detailed note on Globalization.
5. Describe the climate change and also explain the mitigation measures that should be taken to combat climate change in context of India.

## **SECTION-B**

### **(Short Answer Type Questions)**

**Note :** Section 'B' contains Eight (08) short answer type questions of Ten (10) marks each. Learners are required to answer any Four (04) questions only. (4×10=40)

Briefly discuss:

1. Earth's radiation budget.
2. Causes of sea level rise and threats associated with sea level rise.
3. Cause and consequences of global warming,

4. Discuss "how agriculture is also responsible for global warming?".
  5. Explain the impacts of acid rains on ecosystems.
  6. Bio-magnification and eutrophication.
  7. Depletion of ozone layer.
  8. Nuclear disasters.
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