

C935

Total Pages : 3

Roll No.

ES-554

Global Environmental Issues

M.Sc. Environment Science (MSCES-19)

2nd Year Examination, 2022 (June)

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 is ozone layer? Discuss in detail the health impacts of ozone depletion. Also discuss its impact on ecological food chain.

2. What is the difference between climate change and weather change? Discuss human induced climate change in detail.
3. Write a detailed essay on climate change and agriculture.
4. What is acid rain? Explain the various sources of acid rain in detail. Also discuss various mitigating measures.
5. What are the causes of nuclear accidents? Discuss the impacts or consequences of nuclear accidents in detail.

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)

1. Discuss the causes and consequences of sea level rise.
2. How can we help in controlling global warming by our life style changes? Explain.
3. Explain the mechanism of ozone depletion.
4. Write a short note on the Chernobyl nuclear disaster and its causes.

5. Discuss the biological effects of ionizing radiations.
 6. Explain the nuclear 'Fission' and 'Fusion' processes.
 7. What is globalization? Give arguments for Pro-globalization and anti-globalization.
 8. Briefly discuss about the Bio-magnification and eutrophication.
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