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Total Pages : 3

Roll No.

ES-554

Global Environmental Issues

M.Sc. Environmental Science (MSCES)

2nd Year Examination, 2023 (June)

Time : 2 Hours]

Max. Marks : 70

Note : This paper is of Seventy (70) marks divided into two (02) Sections A and B. Attempt the questions contained in these sections according to the detailed instructions given therein. Candidates should limit their answer to the questions on the given answer sheet. No additional (B) answer sheet will be issued.

SECTION–A

(Long Answer Type Questions)

Note : Section 'A' contains Five (05) long answer type questions of Nineteen (19) marks each. Learners are required to answer any Two (02) questions only.

(2×19=38)

1. What is meant by Global Warming? Explain impacts of Global Warming and also discuss green solutions to global warming control.

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[P.T.O.]

2. What is meant by the climate change? Discuss in detail about green solutions to combat climate change.
3. Define acid rain. Explain the various sources of acid rain in detail. Also discuss about the impacts of acid rain.
4. Discuss in detail about various nuclear disasters and accidents. Also discuss about consequences of nuclear accidents.
5. What are fission and fusion process? Discuss about the green technologies in nuclear energy.

SECTION-B

(Short Answer Type Questions)

Note : Section 'B' contains Eight (08) short answer type questions of Eight (08) marks each. Learners are required to answer any Four (04) questions only. (4×8=32)

1. Discuss various mitigation methods of climate change.
2. Briefly discuss about the green solutions for acid rain.
3. Write a short note on the globalization in India.
4. Discuss about various indicators of sustainability.

5. Write a brief note on nuclear pollution.
 6. Discuss the biological effects of ionizing radiations.
 7. Health impacts of ozone depletion.
 8. Discuss about Montreal Protocol.
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