

**A-584**

**Total Pages : 3**

**Roll No. -----**

**ESC-604**

**Global Environmental Issues-I**

**M.Sc. Environmental Science (MSCES)**

**3<sup>rd</sup> Semester, Examination 2024 (June)**

Time: 2:00 hrs

Max. Marks: 35

Note : This paper is of Thirty five (35) marks divided into Two (02) Section A and B. Attempt the questions contained in these sections according to the detailed given therein. Candidates should limit their answers 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 Nine and Half (9.5) marks each. Learners are required to answer any Two (02) questions only.

[2x9.5=19]

P.T.O.

- Q.1. What is sea level rise? Explain about the causes of sea level rise along with its consequences. Describe the possible threats with sea level rise.
- Q.2. Explain the evidences of global warming? Discuss the various impacts of global warming.
- Q.3. Explain the health impacts of ozone depletion and various green solutions for protecting the ozone layer.
- Q.4. Discuss Montreal Protocol in detail.
- Q.5. What is Climate? Explain Climatic System and also discuss about human induced climate variations.

### **Section-B (Short-Answer-Type Questions)**

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

[4x4=16]

- Q.1. What do you understand by surface radiation Budget? Describe briefly.
- Q.2. Write a short note on green house gases.
- Q.3. What is stratospheric ozone?
- Q.4. Briefly describe the consequences of climate change.
- Q.5. Write a short note on Kyoto Protocol.

- Q.6. What do you understand by the CDM-a step towards Equity?
- Q.7. Write a note on the impact of climate change on agriculture.
- Q.8. Differentiate between earth radiation budget and surface radiation budget.

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