

**MEVE- 011: GLOBAL CLIMATE CHANGE
TUTOR MARKED ASSIGNMENT**

Course Code	: MEVE-011
Course Title	: Global Climate Change
Assignment Code	: MEVE-011/TMA-01/2021-2022
Coverage	: All Blocks

Maximum Marks 100

Note: This assignment is based on the entire course.

Answer any five questions. All question carries equal marks. The marks for each question are indicated against it within brackets on the right-hand side.

Please write all answers in your own words.

1. Write short notes on the following: (20 marks)
 - a. Structure of the atmosphere
 - b. Radiative forcing
2. Write short notes on the following: (20 marks)
 - a. Anthropogenic drivers of climate change
 - b. “Cloud feedback” and “Lapse-rate feedback”
3. Explain the sources of palaeoclimatic data. (20 marks)
4. Explain the direct and indirect effects of climate change on agriculture. (20 marks)
5. Explain the impacts of climate change on human health. (20 marks)
6. Write short notes on the following: (20 marks)
 - a. Glacier Lake Outburst floods
 - b. Paris Agreement
7. Explain the National Action Plan on Climate change. (20 marks)
8. Write short notes on the following: (20 marks)
 - a. Concept of mitigation and adaptation
 - b. UNFCCC
