

## CTBTCSE SII P7: ENVIRONMENTAL SCIENCES

### TA-1

Date: 21-04-2022

I. Answer any two of the following questions, each carries 12.5 marks [Each answer should not exceed three pages]  $2 \times 12.5 = 25$  marks.

1. Describe in detail any two key environmental issues that persist in your region (hometown/district), as well as their causes and potential solutions.
2. What, in your opinion, is climate change, and how can everyone help to mitigate its effects?
3. Describe the biosphere, lithosphere, and hydrosphere.
4. Do you believe that the concept of sustainable development is realistic? If so, please explain how. If not, please explain why.

CTBTCSE SII P7: Environmental Sciences

Mid-semester exam

Date: 20-05-2022

I Answer any five of the following questions, and each carries 10 marks [Each should not exceed three pages]  $5 \times 10 = 50$  marks

1. Explain the importance of controlling air pollution in a city? What could be the possible impact of air pollution on humans and the environment?
2. Is thermal pollution a severe threat to human beings? What are the steps to be taken to minimise the impact of thermal pollution?
3. What are the significant causes of water pollution and how can its impact be minimized?
4. How to distinguish renewable and non-renewable energy resources? Why is India focusing on renewable energy?
5. State how the different spheres of the environment are connected.
6. What is the role of sustainable development in today's world?
7. How do different types of pollution have an impact on different resources?