



**2<sup>nd</sup> SEMESTER B.TECH.**

**END SEMESTER EXAMINATIONS, APRIL/MAY 2019**

**SUBJECT: ENVIRONMENTAL STUDIES [CIE 1052]**

**REVISED CREDIT SYSTEM**

Time: 3 Hours

MAX. MARKS: 50

**Instructions to Candidates:**

- ❖ Answer **ALL** the questions.
- ❖ Missing data may be suitable assumed.

Q. No		Marks	CO
<b>1A</b>	List out the goals of environmental education.	<b>2</b>	<b>1</b>
<b>1B</b>	Describe the scenario of formal environmental education in India.	<b>4</b>	<b>1</b>
<b>1C</b>	Describe biogas energy and with a neat sketch show how biomass is converted to biogas.	<b>4</b>	<b>2</b>
<b>2A</b>	Discuss about the quantity of mineral deposits present in India.	<b>4</b>	<b>2</b>
<b>2B</b>	Describe the importance of abiotic components and list out the major functional attributes of an ecosystem.	<b>3</b>	<b>2</b>
<b>2C</b>	Discuss the features of an energy pyramids.	<b>3</b>	<b>2</b>
<b>3A</b>	With the help of a neat sketch explain the working principles of an Electrostatic precipitator.	<b>4</b>	<b>3</b>
<b>3B</b>	Explain any four preventive measures to control radioactive pollution.	<b>2</b>	<b>3</b>
<b>3C</b>	Write a short note on the sources and effects of biomedical wastes.	<b>4</b>	<b>3</b>
<b>4A</b>	Describe EIA and explain the different steps involved in EIA.	<b>3</b>	<b>4</b>
<b>4B</b>	Write a short note on: (i) The Indian fisheries act   (ii) Noise pollution	<b>4</b>	<b>3,4</b>
<b>4C</b>	Explain the different phases in the disaster management cycle.	<b>3</b>	<b>5</b>
<b>5A</b>	List out any 6 factors that define the scale of a disaster.	<b>3</b>	<b>5</b>
<b>5B</b>	With the help of a case study, explain how unplanned urbanization in Indian cities has caused catastrophic environmental disasters for them.	<b>3</b>	<b>5</b>
<b>5C</b>	Expansion of hydel projects and tourism has been detrimental for Himalayan states. Elaborate the statement with the help of a case study.	<b>4</b>	<b>2,3</b>