

Reg. No.:

TERM END EXAMINATIONS (TEE) – December 2021- January 2022

Programme	: B.Tech	Semester	: Fall 2021-22
Course Name	: Environmental Sustainability	Course Code	: CHY1006
Faculty Name	: Dr. Dipankar Sutradhar	Slot / Class No	: E13/0760
Time	: 1 ¹ / ₂ hours	Max. Marks	: 50

Answer ALL the Questions

PART - A (30 Marks)

Q. No.

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3

Question Description

Marks

10

(a) List five major global environmental issues and suggest their sustainable solutions.

OR

- (b) Extinction is the ultimate fate of all species. Why and how are we concern about the decline of biodiversity? Personally how can you contribute for the conservation of biodiversity?
- 2 (a) "Everything we use, wear, buy, sell and eat takes water to make". Considering the above 10 statement, summarize what is water footprint and also enumerate their various types.

OR

- (b) "Instead of controlling the environment for the benefit of the population, perhaps it's 10 time we controlled the population to allow the survival of the environment." Substantiate your answer mentioning few measures to control the rapid growth of human population.
- (a) "Solar energy is a renewable, inexhaustible and affordable form of energy". 10 Summarize, how solar energy can be utilized for the benefit of mankind.

OR

(b) Analyze the important role of "women empowerment" and "education" in tackling the 10 problem related to rapid population growth.

PART - B (20 Marks)

- 4 Enumerate the role of ozone layer in stratosphere? How does it get degraded and why 10 its depletion is a threat to mankind?
- 5 Differentiate between renewable and non-renewable resources of energy with 10 examples. List few environmental problems related to the burning of fossil fuels.

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