

Roll. No.....

National Institute of Technology, Delhi

Name of Examination: B.Tech

Mid Semester Examination (December-2022)

Title of the Course: Environmental Studies

Course Code: CEL 101

Time: 1.5 Hours

Maximum Marks: 25

Note- Write Answers in serial order only

Q 1) Attempt all questions (1 mark each)

- a) What are the periods involved between primitive man and modern man?
- b) Why World Environment Day is celebrated on 5th June?
- c) What are the components of Environment?
- d) How photosynthesis and respiration maintain the level of CO₂ & O₂ in atmosphere?
- e) Explain significance of Bishnoi & Chipko Movement in India
- f) Why Nobel Peace Prize was given to Wangri Maathai?
- g) What are the factors responsible for change in human-nature relationships?
- h) Write the full form of CPCB, MOEFCC, IPCC and EPA
- i) Write the name of five activists who have worked in the field of environment?
- j) What are Autotrophs and Heterotrophs in Ecosystems?
- k) What are the layers of Atmosphere?
- l) Who is the Environment minister of India?
- m) Who is known as “Jal-Purush” in India?

Q 2) Attempt any two questions (6 marks each)

- a. What is Sustainable Development? Explain in detail the steps involved in Ecological Succession.
- b. Write a detailed note on structure of Ecosystems through food chain and food web.
- c. Why fixation of Nitrogen is necessary? With the help of neat sketch discuss Nitrogen Cycle.