Roll No.

B.E (FT) END SEMESTER EXAMINATIONS – APRIL / MAY 2025

Computer Science and Engineering

Semester IV

CY6391 & Environmental Science and Engineering

(Regulation RUSA R-2018)

Time: 3 Hours   Answer ALL Questions   Max. Marks: 100

PART – A (10 x 2 = 20 Marks)

1. State the importance of the Red Data Book in biodiversity conservation.	2
2. Mention the scope of environmental studies.	2
3. Write a shot note on ecological succession.	2
4. What is the difference between point and nonpoint sources of water pollution.	2
5. Mention any two methods for controlling marine pollution.	2
6. Define overexploitation of forest.	2
7. How are tribal people affected by dam construction?	2
8. Predict the benefits of watershed management.	2
9. What factors influencing human health?	2
10. Discuss the significance of the value of education.	2

PART – B (8 x 8 = 64 Marks)

(Answer any 8 questions)

11. Discuss the importance of ecological pyramids in detail.	8
12. Explain aquatic ecosystems and their functions.	8
13. Discuss the structure and functions of the ocean ecosystem.	8
14. Analyze the various steps involved in biodiversity conservation.	8
15. How can water and soil pollution be controlled?	8
16. Discuss the process of waste disposal in solid waste management.	8
17. How does deforestation affect our environment?	8
18. Discuss the role of individuals in preventing air pollution.	8
19. Discuss the Wildlife Protection Act and the Forest Conservation Act in detail.	8
20. Discuss global warming and its effects.	8
21. With neat diagrams, describe the age pyramids and its effects on human populations.	8
22. Why is the welfare of women and children important for our country?	8

PART – C (2 x 8 = 16 Marks)

23. Discuss possible ways to create environmental awareness.	8
24. In what ways would you like to contribute to the conservation of natural resources?	8