

TB2457250

Reg. No :

Name :

BACHELOR'S DEGREE (C.B.C.S.) EXAMINATION, FEBRUARY 2024

2021 ADMISSIONS SUPPLEMENTARY (SAY)

SEMESTER V - CORE COURSE (BOTANY)

BO5B05B18 - Environmental Science and Human Rights

Time : 3 Hours

Maximum Marks : 60

Part A

I. Answer any Ten questions. Each question carries 1 mark

(10x1=10)

1. Explain proto cooperation.
2. Describe edge effect.
3. What are food chains?
4. What do you mean by carrying capacity of ecosystems?
5. Who coined the term "biodiversity" ?
6. How does exotic species affect indigenous species?
7. What is meant by hot spot of biodiversity?
8. Expand VOCs.
9. Mention the problems and consequences of climate change.
10. List out the objectives of Biodiversity act 2002.
11. Write down the full form of PPVFR.
12. List out any two rights that are considered as second generation human rights or red rights.



Part B

II. Answer any Six questions. Each question carries 5 marks

(6x5=30)

13. Represent the features of the pyramid of biomass in a pond ecosystem and explain how is it different from that of a forest.
14. Write a short essay on age pyramids.
15. Quoting suitable example, write short note on ecological niche.
16. Explain the features of Red Data Book.
17. Give an account on Thattekkad wild life sanctuary.
18. Explain the process of sanitary land fill.
19. Which are the control measures of air pollution?
20. Prepare a short note on Dr. Salim Ali.
21. List out the measures to control industrial pollution.

Part C

III. Answer any Two questions. Each question carries 10 marks

(2x10=20)

22. Describe the process of Nitrogen cycling happening in nature.
23. Explain the causes of biodiversity depletion.
24. Write an essay on the important sources of solid waste pollution.
25. Explain about the role of various international agencies in the protection of human rights.