

Reg. No Name

B C A DEGREE END SEMESTER EXAMINATION : OCTOBER 2022
SEMESTER 5 : MOBILE APPLICATIONS AND CLOUD TECHNOLOGY

COURSE : 19U5CRBCA15 : IT AND ENVIRONMENT

(For Regular - 2020 Admission and Supplementary - 2019 Admission)

Time: Three Hours

Max. Marks: 75

PART A**Answer All (1 mark each)**

1. A species is one whose presence or absence both directly or indirectly influence other species through food web connectivity.
2. ARPANET adopted TCP/IP in the year.....
3. Define biodiversity as per Edward Wilson (1988).
4. Define cyber addiction
5. Section 65 of IT amendment act deals with.....
6. Subsidiary body of the UN commission on human rights is called.
- 7transforms carbohydrates and oxygen back into carbon dioxide, water and energy.
8. Report of the Western Ghats ecology Expert Panel Part I submitted their report to the Ministry of Environment and Forests, Government of India on.....
9. What is "ex-situ conservation"?
10. Differentiate data, information, Knowledge and wisdom (1 x 10 = 10)

PART B**Answer any 8 (2 marks each)**

11. Write on Nitrogen cycle. How the cycle is completed?
12. What are the Effects of marine pollution? What are the solutions to mitigate it?
13. What are the objectives of ILO?
14. What is the legal effects of UDHR
15. Describe the Causes of water pollution?
16. What is a Hydrosphere?
17. What are the Key Features of Knowledge repositories?
18. What is active attack and what are they?
19. What are the advantages and disadvantages of internet Knowledge repository?
20. What is passive attack and what are they? (2 x 8 = 16)

PART C**Answer any 5 (5 marks each)**

21. Give the names of two bio-geographic zones in Western Ghats.
22. Compare and contrast with different academic service agencies.
23. Write short note on different generations of Human Rights.

24. What are the different strategies to mitigate the environmental pollution due to e-waste?
25. Write on grass land ecosystem.
26. Write on the National Biodiversity Action Plan.
27. How the soil is affected by highly intensive agriculture? (5 x 5 = 25)

PART D

Answer any 2 (12 marks each)

28. Critically evaluate mechanisms that initiate land degradation in the light of recent natural calamities in Kerala?
29. Critically analyse the environmental issues related to sand mining in Kollam .
30. Critically evaluate e-waste impact on the ecology and environment.
31. Critically evaluate Environmental ethics: Issues and possible solutions? (12 x 2 = 24)