

Reg. No

Name

24U512

B.C.A. DEGREE END SEMESTER EXAMINATION - OCTOBER 2024

SEMESTER 5 : MOBILE APPLICATIONS AND CLOUD TECHNOLOGY

COURSE : 19U5CRBCA15 : IT AND ENVIRONMENT

(For Regular 2022 Admission and Supplementary 2021/ 2020 / 2019 Admissions)

Time : Three Hours

Max. Marks: 75

PART A

Answer All (1 mark each)

1. Report of the Western Ghats ecology Expert Panel Part I submitted their report to the Ministry of Environment and Forests, Government of India on _____.
2. What was the base of cyber laws in India?
3. Which article of the Indian constitution imposes its citizens that protection and improvement of the environment as one of the primary duties?
4. Define biodiversity as per Edward Wilson (1988).
5. What do you mean by boreal forest?
6. List any three open access initiatives of India.
7. Subsidiary body of the UN commission on human rights is called.
8. IT (Amendment) Act was passed in the year-----
9. Differentiate data, information, Knowledge and wisdom.
10. The _____ in Kerala is the only tropical rain forest lying in India which is the natural habitat for a wide variety of species.

(1 x 10 = 10)

PART B

Answer any 8 (2 marks each)

11. What is the legal effects of UDHR?
12. What do you mean by Knowledge repository?
13. What do you mean by open access initiatives of academic services?
14. What is passive attack and what are they?
15. What do you understand by "Habitat destruction"?
16. What are the different approaches of green computing?
17. Give the definition of biodiversity according to the UN Convention on Biodiversity.
18. Write on temperate rainforests.
19. ICESCR recognizes global consensus on the universal human rights what are they?
20. Write on Nitrogen cycle. How the cycle is completed?

(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. Write short note on issues of waste disposal and issues.

23. How are the streams not facing oxygen deficiency under natural conditions?
24. Judge why the food chain and the energy flow is important to keep a balanced ecosystem?
25. Why environmental legislation is necessary and what are the different environmental laws existing in India?
26. Analyse how the IT affects the individual?
27. Critically judge the how the online educational software and knowledge repository helped the education system in this pandemic season?

(5 x 5 = 25)

PART D

Answer any 2 (12 marks each)

28. How Pollutants can be classified and how it affects the environment?
29. How do you evaluate environment conservation of natural resources and human rights? Evaluate its co-existence.
30. Elaborate various cyber crimes and punishment of IT amendment act.
31. What are the adverse effects of the exploitation of mineral resources?

(12 x 2 = 24)