

B.C.A. DEGREE END SEMESTER EXAMINATION - OCTOBER 2025**SEMESTER 5 : MOBILE APPLICATIONS AND CLOUD TECHNOLOGY****COURSE : 19U5CRBCA15 : IT AND ENVIRONMENT***(For Regular 2023 Admission and Supplementary 2022/ 2021/ 2020/ 2019 Admissions)*

Time : Three Hours

Max. Marks: 75

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

1. United Nation founded in the year_____.
2. State the section in which the Offences and punishments are defined in IT Amendment act in India.
3. India now has _____ biosphere reserves, _____ national parks and _____ wildlife sanctuaries.
4. Define biodiversity as per Edward Wilson (1988).
5. What is “bio prospecting”?
6. Expand UDHR.
7. What is dark web?
8. Section 65 of IT amendment act deals with _____
9. Expand acronym BRNET.
10. We must recognize the role of the _____ in restoring and conserving forests.

(1 x 10 = 10)**PART B****Answer any 8 (2 marks each)**

11. What are the Effects of marine pollution? What are the solutions to mitigate it?
12. What is passive attack and what are they?
13. Explain ‘Post Disaster Management’ and ‘Disaster Mitigation’?
14. Explain the different approaches of green computing.
15. What are the major food problems and environmental concerns of the world?
16. What is the legal effects of UDHR?
17. What do you mean by open access initiatives of academic services?
18. What are the three types of environment according to Kurt Lewin?
19. What do you mean by Knowledge repository?
20. What are the objectives of ILO?

(2 x 8 = 16)**PART C****Answer any 5 (5 marks each)**

21. How do you make public awareness on environmental degradation?
22. Analyse how the IT affects the individual.
23. Compare and contrast with different academic service agencies.
24. Give the names of two bio-geographic zones in Western Ghats.
25. Write a note on grass land ecosystem.

- 26. Write short note on different generations of Human Rights.
- 27. What do you understand by ecosystem services?

(5 x 5 = 25)

PART D

Answer any 2 (12 marks each)

- 28. Write a note on food web.
- 29. Investigate the causes and solutions and effects of thermal Pollution.
- 30. Why section 66-A of IT Amendment act is in need of a debate? Critically evaluate it.
- 31. How do you evaluate environment conservation of natural resources and human rights? Evaluate its co-existence.

(12 x 2 = 24)