

END SEMESTER EXAMINATION - OCTOBER 2024
SEMESTER 5 : INTEGRATED M.Sc. PROGRAMME COMPUTER SCIENCE
COURSE : 21UP5CRMCP17 : IT AND ENVIRONMENT
(For Regular 2022 Admission and Supplementary 2021 Admissions)

Time : Three Hours

Max. Weightage: 30

PART A
Answer any 8

1. Give any four examples of E-waste.
2. Recall explicit inclusion in Google.
3. Define the term 'Green Computing.
4. Describe the purpose of an academic website.
5. Define Moodle.
6. Define the term 'Information overload'
7. Mention the different offices of the United Nations.
8. Define the term courseware.
9. An Act to provide legal recognition for the transactions carried out by means of electronic data interchange and other means of electronic communication is _____.
10. List the features of a knowledge repository.

(1 x 8 = 8 Weight)

PART B
Answer any 6

11. Elaborate on how do online learning platforms and massive open online courses (MOOCs) leverage the internet's capabilities as a repository of educational content.
12. Examine the environmental consequences of improper disposal of e-waste.
13. Examine the importance of Cyber law. Mention a few.
14. Define the concept of cyber presence. Explain how it differs from physical presence.
15. Discuss the universality of human rights and its importance on a global scale.
16. Briefly explain the working principle of NICNET.
17. Give examples of IT-driven development projects that have had a significant positive impact in developing regions.
18. Describe how has India embraced green computing practices in its IT industry.

(2 x 6 = 12 Weight)

PART C
Answer any 2

19. Explain the term "Cyber Ethics"& its ten commandments. Explain in detail the netiquettes to be followed for a user to practise cyber ethics.
20. Discuss some of the pressing environmental issues that require increased public awareness and engagement.
21. Suggest measures that can be taken to combat software piracy, and cite the consequences of illegal software use.
22. Explain how State Human Rights Commissions complement the work of the National Human Rights Commission.

(5 x 2 = 10 Weight)