24U273   (Pages: 2)   Name   : ....

                                                        Reg. No : ....

SECOND SEMESTER UG DEGREE EXAMINATION, APRIL 2025

(FYUGP)

CC24UCSC2FM106 - DIGITAL EMPOWERMENT THROUGH ETHICAL STANDARDS

(Computer Science - MDC)

(2024 Admission - Regular)

Time: 1.5 Hours   Maximum : 50 Marks

                                                                     Credit: 3

Part A (Short answer questions)

Answer *all* questions. Each question carries 2 marks.

1. Explain the significance of edge computing in cloud technology.   [Level:2] [CO1]

2. What are the key challenges in implementing digital transformation in traditional   [Level:2] [CO1]
    industries?

3. How has digital technology transformed the entertainment industry?   [Level:2] [CO1]

4. Explain the significance of e-Hospitals in the healthcare sector.   [Level:2] [CO2]

5. What are the major challenges in achieving universal broadband connectivity in India?   [Level:2] [CO2]

6. What are the advantages of storing files in Google Drive instead of a local device?   [Level:2] [CO2]

7. Mention two key features of LinkedIn that help in career development.   [Level:3] [CO3]

8.   How does Duolingo use gamification to enhance language learning?   [Level:3] [CO3]

9.   Mention two legal provisions under the IT Act, 2000 related to cybercrime.   [Level:4] [CO4]

10. What is a patent, and how does it differ from copyright?   [Level:4] [CO4]

                                                                     (Ceiling: 16 Marks)

Part B (Paragraph questions/Problem)

Answer *all* questions. Each question carries 6 marks.

11. What were the key limitations of traditional banking and financial transactions before   [Level:2] [CO1]
    the digital age?

12. Explain about the AI tool used for building websites and generating prototypes   [Level:2] [CO2]

13. Explain how professionals can use LinkedIn and Google Drive to build and manage   [Level:3] [CO3]
    their online portfolios.

14. Discuss the role of LinkedIn in professional networking and career growth.   [Level:3] [CO3]

15. Explain how internet and mobile penetration have contributed to Kerala's digital transformation.   [Level:2] [CO2]

(Ceiling: 24 Marks)

Part C (Essay questions)

Answer any *one* question. The question carries 10 marks.

16. Explain the features and benefits of Google Drive as a cloud-based storage solution. Discuss how Google Sheets can be used for data analysis and visualization in business applications.   [Level:3] [CO3]

17. Define digital privacy and explain its importance in today's interconnected world.Discuss the key challenges individuals and organizations face in maintaining digital privacy.   [Level:4] [CO4]

(1 × 10 = 10 Marks)

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