POST GRADUATE CERTIFICATE IN

CYBER LAW (PGCCL)

Term-End Examination

June, 2025

MIR-11 : CYBERSPACE TECHNOLOGY AND

SOCIAL ISSUES

Time : 3 Hours   *Maximum Marks : 100*

Note : *This paper is divided into three Parts :*
Part A, Part B and Part C. All Parts are
compulsory.

Part—A

Note : *Explain any **four** of the following in*
*about **150** words each. Each carries*
5 marks.   *4×5=20*

1. TELNET

2. Virtual Memory

3. E-Courts

4. Cryptography

5. System Software

Part—B

Note : *Attempt any* *five* *of the following questions in about* *300* *words each. Each question carries 10 marks.* *5×10=50*

6. What is ICT ? Highlight the increasing importance of ICT in Indian economy.

7. What do you understand by Networks and its categories ?

8. Discuss in brief the evolution of Internet service providers as new media center in India.

9. What is the meaning of encryption and how are algorithm used in encryption process ? Explain.

10. Discuss some of the e-Governance initiatives taken by the government of India in the area of justice delivery system.

11. Critically analyze the impact of digital divide on Indian economy.

12. Explain the legal issues associated with software usage.

Part—C

Note : *Attempt any **two** of the following questions in about **500** words each. Each question carries 15 marks.* 2×15=30

13. What are the key functions of operating system ? Briefly discuss the types of operating systems.

14. Discuss in detail the various types of cyberspace architecture. What are some of the negative implications of choosing link system ?

15. "Easy access of cyberspace has resulted in increased rate of cyber crime." Discuss.

16. Write notes on the following :

    (a) Global Commons

    (b) Global Publics

    (c) Digital Commons

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