

No. of Printed Pages : 4

MIR-011

**POST GRADUATE CERTIFICATE IN
CYBER LAW (PGCCL)**

Term-End Examination

December, 2025

**MIR-011 : CYBERSPACE TECHNOLOGY AND
SOCIAL ISSUES**

Time : 3 Hours

Maximum Marks : 100

Note : This question paper consists of three

Parts : Part A, Part B and Part C.

All Parts are compulsory.

Part—A

*Note : Answer any **four** of the following
questions in about **150** words each.*

Each question carries 5 marks. 4×5=20

Explain the following in brief :

1. Local Area Network (LAN)

A-71/MIR-011

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2. World Wide Web (WWW)
3. Digital Signature
4. Organization for Economic Co-operation and Development (OECD)
5. Proprietary software

Part—B

*Note : Answer any **five** of the following questions in about **300** words each. Each question carries 10 marks.*

5×10=50

6. What is the meaning of ICT ? Explain ICT in a broader context.
7. What is cyberspace ? Explain the difference between real space and cyberspace.
8. Who is an Internet Service Provider (ISP) ? Explain the working and role of an ISP.
9. What are hash functions ? Explain its functions.

10. Explain in brief how cyberspace can be regulated.
11. What is e-Governance ? Discuss the benefits of e-Governance.
12. Explain the concept of digital divide. Discuss the reasons for the existence of digital divide.

Part—C

Note : Answer any two of the following questions in about 500 words each. Each question carries 15 marks.

2×15=30

13. Write notes on the following :
 - (a) Difference between System Software and Application Software
 - (b) Hardware components of computers
14. What is digital identity ? How does it work ?
Explain identity as commodity.

15. What is digital convergence ? Explain VPN (Virtual Private Network) and its different aspects.
16. What is meant by the idea of 'The Commons' ? Explain briefly IPR and global commons and the promotion of global common in India.

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