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MIR-011

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

Term-End Examination

December, 2021

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

Time : 3 Hours

Maximum Marks : 100

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

Part—A

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

Explain the following in brief :

1. Evolution of ICT
2. System Support Programs
3. Threats to computing system

4. E-Courts
5. Intellectual Property Rights and Global Commons.

Part—B

*Note : Answer any five of the following questions in
about 400 words each. Each question carries
10 marks. 5×10=50*

6. Discuss the impact of digital divide on Indian Economy.
7. Explain the need for regulation of Cyberspace.
8. Write a note on E-governance initiatives in India.
9. Who do you mean by the term 'Topology' ? Discuss in brief some of the topologies for broadcasting LANs.
10. Discuss four major services provided by the Internet.
11. Write a note on security policy.

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12. Explain the two types of ciphers used in conventional cryptography.

Part—C

Note : Attempt any two of the following questions in about 600 words each. Each question carries 15 marks. 2×15=30

13. Discuss link and no-link cyberspace architecture. Elaborate the implications of choosing the link system.
14. Explain the term 'Cyber Democracy'. How can it contribute to the effectiveness of democracy ?
15. Explain the term 'Virtual Private Network' (VPNs). Discuss different aspects of VPNs.
16. Discuss development models of computer software with the help of examples.