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MIR-11

**POST GRADUATE CERTIFICATE IN
CYBER LAW (PGCCL)
Term-End Examination
June, 2020**

**MIR-11 : CYBERSPACE TECHNOLOGY AND
SOCIAL ISSUES**

Time : 3 Hours

Maximum Marks : 100

Note : (i) Answer all questions from Part A. Each question carries 2 marks.

(ii) Answer any five questions from Part B. Each question carries 10 marks.

(iii) Answer any two questions from Part C. Each question carries 15 Marks.

Part—A

Note : Explain the following in brief. Each question carries 2 marks.

1. Spreadsheet
2. Trusted third party (TTP)
3. Digital divide

P. T. O.

4. Network protocol
5. Ring topology
6. Key establishment
7. Hash functions
8. Cyber administration
9. Global commons
10. Security Audit

Part—B

Note : Answer any *five* of the following questions.
Each question carries 10 marks.

11. Discuss the legal framework for e-Governance in India.
12. Write a note on data and message confidentiality service.
13. What is Cryptology ? Explain the types of Ciphers.
14. Differentiate between Intranet and Extranet VPNs.
15. Discuss the program and system threats to a computing system.
16. What is Internet Telephony ? How does it differ from chatting ? Discuss.
17. Write a note on Search Engines.

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18. Discuss the impact of cyberspace on rights and liberties of citizens.

Part—C

Note : Answer any *two* of the following questions.

Each questions carries 15 marks.

19. Explain the Open System Interconnection (OSI) and the Transmission Controls Protocol and the Internet Protocol (TCP/IP) reference models.
20. Differentiate between proprietary and open source software. Discuss the advantages of open source software.
21. 'Internet has emerged as a medium enhancing the freedom of speech, thought and expression.' Critically examine the statement.