

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

**Term-End Examination
December, 2012**

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

Time : 3 hours

Maximum Marks : 100

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- Note :** (i) *Attempt all questions from Part - A. Each question carries two marks.*
- (ii) *Answer any five questions from Part - B. Each question carries 10 marks.*
- (iii) *Attempt any two questions from Part - C. Each question carries 15 marks.*
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PART - A

1. Explain the following in Brief : **2x10=20**
- (a) Star Topology
 - (b) Trojan Horse
 - (c) Public Key Algorithms
 - (d) Hash Functions
 - (e) Cyber participation
 - (f) System software
 - (g) Cyber democracy
 - (h) Web hosting
 - (i) iCommons
 - (j) Software patents

PART - B

2. Answer *any five* of the following :

- (a) Discuss the E - readiness assessment of States/UTs. 5x10=50
- (b) Discuss the various Network Topologies ?
- (c) Describe the Security Audit ?
- (d) Write a note on Digital Signature
- (e) Write a note on the Regulation of cyber space content in India.
- (f) What are the Benefits of E - Commerce ?
- (g) Discuss the impact of "Digital Divide"
- (h) Distinguish between Proprietary Software and Open Source Software.

PART - C

3. Attempt *any two* of the following. **2x15=30**

- (a) What do you mean by an ISP ? Describe its role and liability ?
 - (b) Discuss the Virtual Private Network (VPNs) ? Explain the difference between Intranet and Extranet VPNs.
 - (c) Explain the International Initiatives for regulation of cyber space.
 - (d) Discuss the various steps available to narrow down or bridge the digital divide.
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