

POST GRADUATE CERTIFICATE IN  
CYBER LAW (PGCCL)

Term-End Examination

June, 2013

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) Attempt *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) Application software
  - (b) Ring Topology
  - (c) Trap Door
  - (d) Encryption
  - (e) Digital Signature
  - (f) E - governance
  - (g) Cyber agenda setting
  - (h) Knowledge Gap Hypothesis
  - (i) Benefits of ICT
  - (j) 'Web hosting'

## PART - B

2. Answer *any five* of the following : 5x10=50
- (a) Define the term 'protocol' and list out the key elements of protocol.
  - (b) Discuss various types of cyberspace Architecture.
  - (c) What are the main components of good security policy to protect system ?
  - (d) Describe the difference between Intranet and Extranet VPNs.
  - (e) Explain the obstacles involved in the implementation of E - governance
  - (f) Discuss the cyberspace and its impact on specific rights and freedoms.
  - (g) Describe the impact of Digital Divide.
  - (h) Explain the global commons in India.

## PART - C

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

- (a) Distinguish between proprietary software and open source software. Describe the disadvantages of proprietary software.
  - (b) What is internet Telephony ? What are its benefits ?
  - (c) Discuss the E-governance initiatives taken at national level in India. Explain its benefits.
  - (d) Explain ISP. Describe its role and liability.
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