

**POST GRADUATE CERTIFICATE IN
CYBER LAWS**

Term-End Examination

December, 2010

**MIR-011 : 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

1. Explain the following in brief : 10x2=20
- (a) Benefits of ICT.
 - (b) System software is a concept different from Application software.
 - (c) 'Tree Topology'.
 - (d) 'Web hosting'
 - (e) 'Application security Audit'
 - (f) 'Data Encryption Standard'
 - (g) Components of 'E' Governance
 - (h) 'Cyber Democracy'
 - (i) Knowledge Gap Hypothesis'
 - (j) Advantages of Open Source Software.

PART - B

2. Answer *any five* of the following : 5x10=50

- (a) Difference between Real space and Cyber-space.
- (b) Discuss any five types of communication service provided by the internet.
- (c) What are the implications of choosing the link system ?
- (d) Define different aspects of VPNs (Virtual Private Networks).
- (e) What in your view are the threats to a Computing System ?
- (f) Discuss the Regulation of cyberspace content in India.
- (g) Explain promotion of global commons in India.
- (h) Explain the reasons for the existence of Digital Divide.

PART - C

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

- (a) Elaborately discuss the two major functional categories of system software.
- (b) Explain the advantages and disadvantages of the following
 - (i) Symmetric - Key - cryptography
 - (ii) Public - key - cryptography
- (c) Explain major E - Governance initiatives taken in India.
- (d) Discuss various steps available to narrow down or bridge the Divide.
