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D.C.L. EXAMINATION, 2018

Paper I

BASIS AND REGULATORY FRAMEWORK OF CYBER WORLD

Time : Three Hours **Maximum Marks : 100**

N.B. :— (*i*) Question No. **9** is compulsory. It carries **20** marks.

(*ii*) Out of the remaining questions, answer any *five* questions and each such question carries **16** marks.

1. What is Computer System ? Give the structural overview of Computer System and discuss its significance.

2. Explain the Digital Signatures, Digital Certificates and Rivest-Shamir-Adleman (RSA) Algorithms.

3. What is Operating System ? Explain the significance and different types of operating system.

4. Discuss the concept of Data Organization and Data Management and distinguish between them.

P.T.O.

5. What is Computer Networking ? Discuss different types of Computer Network.

6. Explain the Network Security and Cryptography.

7. Discuss the Encryption Techniques and different types of Encryption.

8. What is Telegraph ? Discuss 'Privileges and Powers of the Government' under the Indian Telegraph Act, 1885.

9. Write short notes on (any *four*) :

   (*i*)   Telecom Disputes Settlement and Appellate Tribunal (T.D.S.A.T.)

   (*ii*) Internet Service Provider

   (*iii*) Role of Law in Cyber World

   (*iv*) Graphical User Interface (G.U.I.)

   (*v*)   Ethics and Etiquettes in Cyberspace

   (*vi*) Communication Techniques.

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Diploma Course in Cyber Laws Examination, 2018

Paper-II

E-COMMERCE

Time : 3 Hours   **Maximum Marks : 100**

N.B. :— (*i*)   Question No. **9** is compulsory. It carries **20** marks.

      (*ii*)   Out of the remaining questions, answer any *five* questions and each such question carries **16** marks.

1.   Define the term 'Cyber Squatting' and what kind of protection is available to the consumers in the Cyber World against it ?

2.   Define Electronic Data Interchange (EDI) and explain the process of checking the Electronic Signature.

3.   What is Domain Name ? Discuss Regulatory and Licensing Requirement Principles involved in it.

4.   Explain protection of Electronic Agreements and discuss the types of evidences for proving the Electronic Agreements.

5.   Explain the mechanism of transactions for payment of electronic funds.

6.   Discuss about admissibility and recognition of Electronic Records.

7. Explain about formation and validity of E-Contracts.

8. What is called 'E-Commerce' ? Explain the unique features of E-Commerce.

9. Answer any *four* of the following :
 (*a*) Public key infrastructure
 (*b*) Disclaimers
 (*c*) Regulations for corporate financial services
 (*d*) Electronic record retention
 (*e*) 'Internet advertising and the issues involved.

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Diploma in Cyber Laws EXAMINATION, 2018

Paper III

INFORMATION TECHNOLOGY ACT, 2000

Time : Three Hours **Maximum Marks : 100**

***N.B.* :—** (*i*) Question No. **9** is compulsory. Out of the remaining attempt any *five* questions.

(*ii*) Question No. **9** carries **20** marks and all other questions carry **16** marks each.

1. Information Technology Act, 2000 is based on UNCITRAL Model Law, 1998. Discuss historical background and salient features of Information Technology Act, 2000.

2. Discuss the powers and functions of various authorities under the Information Technology Act, 2000.

3. What do you understand by Digital Signature ? Discuss provisions relating to Digital Signature under Information Technology Act, 2000.

4. Explain E-Governance. Discuss provisions relating to authentication and legal recognition of E-Records and E-Governance.

5. Explain the following :

(*a*) Web Catching

(*b*) Unauthorised modification of Computer Programmes and Data.

6. Write a detailed note on Cyber Regulation Appellate Tribunal.

7. Explain the following in the light of Information Technology Act, 2000 :

(*a*) Amendments to Indian Evidence Act

(*b*) Amendments to Indian Penal Code, 1860.

8. Discuss the offences and penalties under the Information Technology Act, 2000.

9. Write notes on any *two* :

(*a*) Types of Computer Fraud

(*b*) Theft of Information

(*c*) Infringement of Intellectual Property Rights

(*d*) Liability of Network Service Provider.

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Diploma in Cyber Laws EXAMINATION, 2018

Paper IV : INTELLECTUAL PROPERTY RIGHTS IN THE

CYBER WORLD

Time : Three Hours　　　　　Maximum Marks : 100

N.B. :— (*i*) Question No. **9** is compulsory, which carries **20** marks.

(*ii*) Out of the remaining attempt any **5** questions, each of such question carries **16** marks.

1. What are the various types of software patents and their application to the cyber world and the technologies involved ?

2. Industrial Designs created with the use of Cyber Technology are protected under the Design Act, 2000. Explain.

3. Discuss in detail the ICANN policies and reforms.

4. Explain the procedure for obtaining cyber patents under the Patents Act, 1970.

5. International Conventions and Treaties have shaped development of Intellectual Property Rights in the Cyber world. Comment.

P.T.O.

6. Examine the International Perspective in respect of Cyber World Trade marks in the light of Madrid Agreement.

7. Discuss the concept of data file sharing technology in peer-to-peer networks and its implementation on cyber copyrights.

8. Explain how the system of cyber-squatting of domain names and resulting disputes are dealt with under the Trade Mark Act, 1999.

9. Write short notes on any *two* :
(*a*)   Online Trade-Mark
(*b*)   Paris Convention
(*c*)   PTC and Regional Arrangement
(*d*)   Washington Treaty, 1989.