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**[5140]-11**

**Diploma in Cyber Laws EXAMINATION, 2017**  
**BASIC AND REGULATORY FRAMEWORK OF CYBER WORLD**  
**Paper I**  
**(Theory)**

**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. Discuss the significance and structural overview of Computer System.
2. What is Operating System ? Explain its types.
3. Explain Internet Service Provider, Domain and Host Naming.
4. What is Network Security and Cryptography ? Discuss.
5. Explain Encryption Techniques and discuss different types of Encryption.
6. Discuss the role of Law in Cyber World and State how the issues relating to Jurisdiction, Applicable Laws and Enforcement are decided in Private International Law ?

P.T.O.

7. Explain the scope of Government to regulate Internet (Censorship) with the help of relevant Legal and Constitutional Provisions and Judicial Decisions.
8. Discuss Powers and Functions of the 'Telecom Regulatory Authority of India' under the Telecom Regulatory Authority of India Act, 1997.
9. Write short notes on (any *four*) :
  - (a) Data Management
  - (b) File Systems
  - (c) Types of Computer Networks
  - (d) Communication Techniques
  - (e) Remote-Login Procedure
  - (f) File Transfer Protocol (F.T.P.).

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**[5140]-12**

**Diploma Course in Cyber Laws EXAMINATION, 2017**

**E-COMMERCE**

**Paper II**

**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. Explain about maintenance and proving of electronic records through data protection.**
- 2. State and explain internet advertising and its associated regulatory issues.**
- 3. Define the term 'E-contracts' and explain the enforceability of 'E-contracts' ?**
- 4. What is called 'Domain name' and explain the legal principles involved in Domain Name Disputes ?**
- 5. What is the necessity of Tax in Corporate finance and explain the regulations relating to corporate financial services ?**

P.T.O.

6. What are the different types of evidences required for proving the electronic agreements and how it is protected ?
7. What is called as 'Better business bureau' and explain its role in protecting the rights of consumers in Cyber World.
8. Explain about UNCITRAL Draft Uniform Rules on Electronic Signatures.
9. Answer any *four* of the following :
  - (i) Payment of electronic funds
  - (ii) Trans-national data flow
  - (iii) Electronic commerce/payment procedure
  - (iv) Role of digital signatures in E-commerce
  - (v) Regulations for Corporate Financial Services
  - (vi) Virtual banking operations.

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**[5140]-13**

**Diploma in Cyber Laws EXAMINATION, 2017**

**INFORMATION TECHNOLOGY ACT, 2000**

**Paper III**

**Time : Three Hours**

**Maximum Marks : 100**

**N.B. :—** (i) Question 8 is compulsory. It carries 20 marks.

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

1. Explain the historical background, object, extent and scope of Information Technology Act, 2000.
2. Explain the provisions relating to acceptance, suspension and revocation of digital signature certificate.
3. Define “Secure Electronic Records”. State and explain “Attribution, Acknowledgement and Dispatch” of the Electronic Records.
4. Explain :
  - (a) Amendments to the Indian Penal Code, 1860.
  - (b) Amendments to the Indian Evidence Act, 1872.
5. Explain in detail the various cyber-crimes and punishment thereof.

P.T.O.

6. Critically examine the circumstances in which intermediaries are not liable under the Information Technology Act, 2000.
7. Write a detailed note on “Electronic Governance”.
8. Write notes on any *two* :
  - (a) Cyber Appellate Tribunal
  - (b) Certifying Authorities
  - (c) Information Technology (Amendment) Act, 2008
  - (d) Offences by the companies.

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**[5140]-14**

**Diploma in Cyber Laws EXAMINATION, 2017**  
**INTELLECTUAL PROPERTY RIGHTS IN THE CYBER WORLD**  
**Paper IV**

**Time : Three Hours**

**Maximum Marks : 100**

**N.B. :—** (i) Question No. **9** (*nine*) is compulsory, which carries **20** marks.  
(ii) Out of the remaining attempt any **5** (*five*) questions, each of such question carries **16** marks.

1. Discuss whether various International Treaties and Conventions have been instrumental in defining the path of intellectual property rights in the cyber world.
2. Explain the provisions for protection of Online Trade Marks under the TradeMarks Act, 1999.
3. What are the rights of performers and digital broadcasters in the cyber world in context of the relevant statute ?
4. Explain the system of obtaining patents to designs and protection of semiconductors chips with reference to the Patents Act, 1970.
5. Enumerate the various types of software patents and their application to the cyber world and technologies involved.

P.T.O.

6. Discuss the concept of data file sharing technology in peer-to-peer networks and its implementation on cyber copyrights.
7. What is cybersquatting of domain names ? Discuss methods of dealing with it and the resulting disputes under the Trade Marks Act, 1999.
8. The importance of the TRIPS Agreement in the context of its impact on Cyber Trade Marks.
9. Write short notes on any *two* :
  - (a) Madrid Agreement
  - (b) Paris Convention
  - (c) Business Method Patents and Software Patents
  - (d) ICANN policies and reforms.