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Diploma in Cyber Laws Examination, 2010
Paper – I : BASIS AND REGULATORY FRAME WORK OF
CYBER WORLD

Time : 3 Hours

Max. Marks : 100

Instructions : 1) ***Question 9 is compulsory. It carries 20 marks.***
2) ***Out of the remaining questions, answer any five questions and each such question carries 16 marks.***

1. Explain the meaning of Operating Systems and discuss its significance.
2. What is Computer Networking ? Explain the different types of computer Networks.
3. Explain about Encryption Techniques and differentiate between Secret Key Encryption and Public Key Encryption.
4. Explain about digital signatures, digital certificates and RSA algorithms.
5. What is World Wide Web and Web Technology ? Explain.
6. What is called Network Security and Cryptography ? Discuss.
7. Explain the role of Government to Regulate Internet (censorship).
8. Explain the concepts of Data Organization and Data Management.
9. Write short notes on **any four** of the following :
 - i) Protocols (TCP/IP)
 - ii) Remote Login Procedure
 - iii) Role of ITU, WTO and ATP
 - iv) Certifying or Governing authorities
 - v) Internet Service Provider
 - vi) Communication Techniques.



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Diploma in Cyber Laws Examination, 2010
Paper II – E-COMMERCE

Time : 3 Hours

Max. Marks : 100

*Instructions : 1) Question 9 is **compulsory**. It carries **20** marks.
2) Out of the remaining questions, answer **any five** questions and **each** such question carries **16** marks.*

1. Explain the procedure for choosing and registering a domain name.
2. What are the popular modes of payment of electronic funds ?
3. Explain the various issues relating to electronic commerce taxation.
4. What is the role of Better Business Bureau in protecting the consumer Rights of the Cyber World ? Explain.
5. Explain the essential requirements of Cyber squatting.
6. List the major benefits of E-Commerce.
7. What is internet advertising and explain the models of internet advertising ?
8. What is E-Commerce and explain the benefits and impact of E-Commerce ?
9. Answer **any four** of the following :
 - i) Passive or Pull-Based Advertising
 - ii) Virtual Banking Operations
 - iii) Electronic payment procedure
 - iv) Management of Domain names
 - v) Consumer Protection in Cyber World
 - vi) Data Protection and Principles.



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Diploma in Cyber Laws Examination, 2010
Paper – III : INFORMATION TECHNOLOGY ACT, 2000

Time : 3 Hours

Max. Marks : 100

Instructions : a) *Question No. 9 is compulsory. Out of the remaining attempt any five questions.*

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

1. What do you mean by Cyber Crimes ? Discuss the nature and types of Cyber Crimes. What are the challenges before it ?
2. What do you understand by Digital Signature ? Discuss the use of Digital Signature in e-governance.
3. Attempt the following :
 - a) Cyber Regulation Appellate Tribunal
 - b) Electronic Records.
4. Explain :
 - a) Asymmetric Cryptosystem
 - b) Service Providers Liability.
5. Discuss the Powers and Functions of various authorities under the Information Technology Act, 2000.
6. Critically examine the various penal provisions under the Information Technology Act, 2000.
7. Write notes on :
 - a) Legal Recognition of digital signature
 - b) Advisory Committee
8. Attempt the following :
 - a) Attribution, Acknowledgement and Dispatch of Electronic Records.
 - b) Duties of the subscribers.
9. Write short notes on :
 - a) Trojan Horse
 - b) Computer Virus
 - c) Hacking / Cracking
 - d) Unauthorized modification of Computer Programmes.



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Diploma in Cyber Laws Examination, 2010
INTELLECTUAL PROPERTY RIGHTS IN THE CYBER WORLD
(Paper – IV)

Time : 3 Hours

Max. Marks : 100

Instructions : 1) Question No. 9 is compulsory.
*2) Answer **any five** out of the remaining.*

1. Discuss the role of international copyright conventions in development of cyber technology copyrights. **16**
2. What is the protection offered to Online Trade Marks under the Trade Marks Act, 1999 ? **16**
3. Explain the concept of digital copyright. Under which Act do digital copyrights get registered ? **16**
4. Discuss the concept of cyber squatting of domain names, domain disputes and use of trade marks as mega tags. **16**
5. Examine the role of the TRIPS Agreement for trade mark and patent protection of cyber world technologies. **16**
6. Discuss in detail the rights of performers and digital broadcasters in the cyber world in context of the relevant statute. **16**
7. How does the Semi- conductor Integrated Circuits layout Design Act, 2000- extend protection to design and semi-conductor chips or internal hardware computer components ? **16**

P.T.O.



8. What are the various types of software patents and their application to the cyber world and technologies involved ? **16**
9. Write notes on **any two** : **20**
- a) Madrid Agreement
 - b) Protection of Industrial Designs
 - c) ICANN policies and reforms
 - d) Data file sharing technology.
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