MAULANA ABUL KALAM AZAD UNIVERSITY OF TECHNOLOGY, WEST BENGAL

Paper Code : OEC- CS801B/OECIT801B Cyber Law and Ethics
UPID : 008258

Time Allotted : 3 Hours

Full Marks :70

The Figures in the margin indicate full marks.
Candidate are required to give their answers in their own words as far as practicable

Group-A (Very Short Answer Type Question)

1. Answer any ten of the following : [1 x 10 = 10]

   (I) What are hybrid attacks?

   (II) What is the updated version of the IT Act, 2000?

   (III) What type of cyber-crime, its laws and punishments does section 66 of the Indian IT Act holds?

   (IV) What is Cyber Crime? Give some examples of Cyber Crime.

   (V) What is the name of the IT law that India is having in the Indian legislature?

   (VI) To hide information inside a picture, what technology is used?

   (VII) Give an example of a peer-to-peer cyber-crime?

   (VIII) Give an example of a computer as weapon cyber-crime?

   (IX) What is the full form of SSL?

   (X) List few security challenges that are posted by mobile devices.

   (XI) What is a Cookie?

   (XII) Explain the term 'Identity Theft' with respect to cyber crime.

Group-B (Short Answer Type Question)

Answer any three of the following : [5 x 3 = 15]

2. Mention the various penalties imposed under the information technology act. [5]

3. Discuss the various jurisdictional issues in Cyber Space. [5]

4. Explain the powers of the Cyber Appellate Tribunal. [5]

5. Define the term 'Cyber Squatting' and what kinds of protection available to the consumers in the Cyber World against it ? [5]

6. How does cyber security become an integral part of person's life? [5]

Group-C (Long Answer Type Question)

Answer any three of the following : [15 x 3 = 45]

7. (a) Define cyberstalking. How stalking works? [6]
   (b) Explain the difference between passive and active attacks. [4]
   (c) Explain the different attacks launched with attack vector. [3]
   (d) What is cyberbullying? [2]

8. (a) What is public key certificate? [5]
   (b) Mention the advantages and limitations of using public key certificate. [10]

9. (a) Explain the term 'cyber ethics'. [5]
   (b) List 4 ethical issues of cyber ethics. [4]
   (c) Why it is necessary to practice cyber ethics? [6]

10. (a) Explain the term 'Internet Protocol service'. [7]
    (b) Discuss the effectiveness and utilization of Internet Protocol in the Cyber Crime Investigation. [8]

11. (a) What is cyber crime? Provide an appropriate example to discuss cyber crime. [8]
    (b) Explain cyber crime with the concept of hacking elaborately. [7]

*** END OF PAPER ***