



# 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 the key elements of Cyber Security?
- (II) Which is not a type of cyber crime?
- (III) Which Federal Code applies the consequences of hacking activities that disrupt subway transit systems?
- (IV) Classify cyber crime.
- (V) What are Phishing and Pharming?
- (VI) What is the full form of ITA-2000?
- (VII) What is the difference between the Host Intrusion Detection System (HIDS) and Network Intrusion Detection System (NIDS)?
- (VIII) Report vulnerability in any system is not done by cyber criminals: True/False
- (IX) What is the difference between active attack and passive attack?
- (X) What do you understand by the MITM attack?
- (XI) What is phishing?
- (XII) What is a Trojan Horse ?

## Group-B (Short Answer Type Question)

Answer any three of the following :

[ 5 x 3 = 15 ]

2. What is electronics evidence ? Explain the nature and admissibility of electronic records. [5]
3. Explain Cyber Terrorism with suitable illustration. [5]
4. What is cyber law? Write its advantages and disadvantages. [5]
5. Compare and contrast between Indian context of jurisdiction and International context of jurisdiction. [5]
6. Write the steps to register patent in India . [5]

## Group-C (Long Answer Type Question)

Answer any three of the following :

[ 15 x 3 = 45 ]

7. Describe different types of cyber attacks. [ 15 ]
8. (a) Define Cybercrime? Discuss about various type of Cybercrime [ 6 ]  
 (b) Discuss about email spoofing and email spamming [ 4 ]  
 (c) What is Reconnaissance in the world of Hacking? [ 3 ]  
 (d) What is Salami Attack? [ 2 ]
9. Explain the liability aspect of the Internet Service Provider as per the Information Technology Act 2000. [ 15 ]
10. Explain in detail the public key functioning and Protection provided by it under the Electronic Signature. [ 15 ]
11. Briefly explain Digital Signature. [ 15 ]

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