GURU NANAK INSTITUTE OF TECHNOLOGY
An Autonomous Institute under MAKAUT
2020-2021
E-Commerce & Cyber law
MCAE504A

TIME ALLOTTED: 3 Hrs   **FULL MARKS: 70**

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

GROUP – A
(Multiple Choice Type Questions)

Answer any *ten* from the following, choosing the correct alternative of each question: **10×1=10**

		Marks	CO No
1(i)	B2C e-commerce	1	CO1

   a. Includes services such as legal advice
   b. Means only shopping for physical goods
   c. Means only customers should approach customers to sell
   d. Means only customers should approach business to buy

		Marks	CO No
1(ii)	When plain text is converted to unreadable format, it is termed as _____	1	CO3

   a. rotten text
   b. raw text
   c. cipher-text
   d. ciphen-text

		Marks	CO No
1(iii)	EDI uses	1	CO1

   a. Requires an extranet
   b. Requires value added network
   c. Can be done on internet
   d. Requires a corporate intranet.

		Marks	CO No
1(iv)	_____ takes the plain text and the key as input for creating cipher-text.	1	CO2

   a. Decryption Algorithm
   b. Hashing Algorithm
   c. Tuning Algorithm
   d. Encryption Algorithm

		Marks	CO No
1(v)	In addition to the Internet and World Wide Web which of the following technologies is integral to understanding E-commerce ?	1	CO5

   a. Client/Server Computing
   b. Wireless computing
   c. Peer- to peer Computing
   d. Mainframe Computing

| 1(vi) | Credit Card Payment is under | 1 | CO3 |

a. B2B e-commerce
b. C2C e-commerce
c. B2C e-commerce
d. None of the these

| 1(vii) | In which year India's IT Act came into existence? | 1 | CO2 |

a. 2000
b. 2001
c. 2002
d. 2003

| 1(viii) | In e-commerce, _____ refers to the ability to ensure that e-commerce participants to do not deny their only actions. | 1 | CO4 |

a. Non- repudiation
b. Authentication
c. Confidentiality
d. Integrity

| 1(ix) | The process of sending e-mail messages to people who have requested information about a particular topic or about a specific product is called opt-in e-mail and is a part of a marketing strategy called | 1 | CO4 |

a. Brand Leveraging
b. Affiliate Marketing
c. Permission Marketing
d. Viral Marketing

| 1(x) | The process of disguising plaintext in such a way that its substance gets hidden (into what is known as cipher-text) is called _____ | 1 | CO3 |

a. Cryptanalysis
b. Decryption
c. reverse engineering
d. encryption

| 1.(xi) | DDoS in mobile systems wait for the owner of the _____ to trigger the attack. | 1 | CO2 |

a. Worms
b. Virus
c. Botnets
d. programs

| 1.(xii) | Accessing computer without prior authorization is a cyber-crimes that come under _____ | 1 | CO1 |

a. Section65
b. Section66
c. Section68
d. Section 70

GROUP – B
(Short Answer Type Questions)
(Answer any *three* of the following)   **3 x 5 = 15**

		Marks	CO No.
2. a)	What is the role of electronic payment system in E-commerce?	2	CO1
2. b)	What are the benefits of using e-commerce ?	3	CO1
3.	Discuss different type of cybercrime.	5	CO4
4.a)	What is the importance of EDI in E-commerce?	3	CO3
4.b)	What is the need of UN/EDIFACT?	2	CO3
5.a)	What are the common problems of BPR?	3	CO5
5.b)	Explain briefly Trade Cycle.	2	CO5
6.a)	What is CRM system?	2	CO4
6.b)	Discuss Section 65 and section 66 under IT act 2000.	3	CO5

GROUP – C
(Long Answer Type Questions)
(Answer any *three* of the following)   **3 x 5 = 15**

		Marks	CO No
7. a)	Define the terms internet, intranet and extranet and explain the role of each in E-commerce.	7	CO1
7. b)	Define EDI (Electronic data Interchange).Explain the layered architecture of EDI.	6	CO1
7. c)	Explain the role of WWW in the field of e-commerce.	2	CO2
8.a)	Importance of Digital signature in Cryptography?	5	CO3
8.b)	Explain different types of Cryptography.	5	CO3
8.c)	Briefly discuss DES with diagram.	5	CO3
9.a)	What are the four types of consumer oriented applications of e-commerce? Elaborate each of them briefly.	8	CO2
9.b)	What are the key characteristics of BPR?	5	CO2

9.c)	Explain why traditional payment systems are inadequate for e-commerce.	2	CO3
10.a)	Briefly explain the UN/EDIFACT.	5	CO4
10.b)	Explain B2C e-commerce model with example.	7	CO4
10.c)	What is the role of ARP in message sending in a TCP/IP based communications?	3	CO3
11.a)	How dual signature is operating in Set Protocol? Explain with Diagram.	10	CO5
11.b)	Discuss different type of malware in m-commerce.	5	CO5