PARUL UNIVERSITY
FACULTY OF APPLIED SCIENCE
M.Sc., Winter 2019-20 Examination

Semester: 3	**Date: 19-12-2019**
Subject Code: 11207203	**Time: 02:00 pm to 04:30 pm**
Subject Name: Digital & Cyber Forensic	**Total Marks: 60**

Instructions:
1. All questions are compulsory.
2. Figures to the right indicate full marks.
3. Make suitable assumptions wherever necessary.
4. Start new question on new page.

Q.1. A) Essay type/ Brief note (4x2) (Each of 04 marks)   **(08)**
    (a) Write Brief Note on Cyber Stalking, DOS, DDOS, and Malware Distribution.
    (b) Brief Note on Digital Crime Scene Investigation.

Q.1. B) Answer the following questions (Any two)
    (a) Short note (2x2) (Each of 02 marks)   **(04)**
       1. Short note on Steganography.
       2. Short note on Cyber Bullying.
    (b) What is Man in middle attack?   **(04)**
    (c) Short note on juice jacking attack.   **(04)**

Q.2. A) Answer the following questions.
    (a) Short note (2x2) (Each of 02 marks)   **(04)**
       1. What is Hash value?
       2. What is SHA-1 value?
    (b) Short note on Hex Editor in Forensic analysis.   **(04)**

Q.2. B) Answer the following questions (Any two)
    (a) Short note. (Each of 01 marks)   **(03)**
       1. What is Cyber Security?
       2.   What is Digital Forensic?
       3.   What is Techno Crime?
    (b) Short note: Wi-Fi security.   **(03)**
    (c) Short note: Role of Frist Responder.   **(03)**

Q.3. A) Essay type/ Brief note (4x2) (Each of 04 marks)   **(08)**
    (a)   Brief Note on Encryption.
    (b) Brief Note on why Antivirus is Important for the Security of Data.

Q.3. B) Answer the following questions (Any two)
    (a) Short note (2x2)   (Each of 02 marks)   **(04)**
       1. Short note on Cyber security while Traveling.
       2.   Short note on Public Key Encryption.
    (b) Short note on Cryptography.   **(04)**
    (c) Short note on Social Media security.   **(04)**

Q.4. A) Answer the following questions.
    (a) Short note (Each of 02 marks)   **(04)**
       1. What is Malware?
       2. What is online Scam?
    (b)   Short note: Types of Malware   **(04)**

Q.4. B) Answer the following questions (Any two)
    (a) Short note (Each of 01 marks)   **(03)**
       1. What is use of Helix Software?
       2.   What is Cyber-Crime?
       3.   Write 10(Ten) Types of Cyber-Crime.
    (b) What is IP Address? Write Brief note on it   **(03)**
    (c) What is MAC address? Write Brief note on it.   **(03)**