

Enrollment No: _____

Exam Seat No.: _____

C.U.SHAH UNIVERSITY

Winter Examination - 2018

Subject Name: Cyber Security & Forensic Investigator

Subject Code: 5CS02WCY2

Branch: M.Sc.IT (WebTech)

Semester: 2

Date: 20/10/2018

Time: 02:30 To 05:30

Marks: 70

Instructions:

- (1) Use of Programmable calculator & any other electronic instrument is prohibited.
 - (2) Instructions written on main answer book are strictly to be obeyed.
 - (3) Draw neat diagrams and figures (if necessary) at right places.
 - (4) Assume suitable data if needed.
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SECTION-1

Que-1 Attempt all the following short questions. [7]

1. What is cyber security?
2. Define cookie.
3. What do you mean by spamming?
4. List out 5P "Natizens Mantras" for online security.
5. Give the full form of MITM.
6. What is mishing attack?
7. Explain user activity in short.

Que-2 Attempt all questions. [14]

1. Who are cyber criminals? Explain various roles of cyber criminals. [7]
2. What is metadata? Explain its types in detail. [7]

OR

Que-2 Attempt all questions. [14]

1. Explain process and network information in detail. [5]
2. Define cyber law. Why do we need cyber law? [5]
3. What do you mean by salami attack and software piracy? [4]

Que-3 Attempt all questions. [14]

1. Write a note on types of forensic tools. [7]
2. How phishing, vishing and smishing attacks are carried out? Explain in detail. [7]

OR



- Que-3 Attempt all questions.** [14]
1. Write a short note on volatile information. [5]
 2. Explain ChromeAnalysis and FoxAnalysis in brief. [5]
 3. What is purpose of Indian Information Technology Act (ITA-2000)? [4]

SECTION-2

- Que-4 Attempt all the following short questions.** [7]
1. Give the full form of DoS.
 2. What is prefetch file?
 3. What is email spoofing?
 4. What is strong password?
 5. Define event.
 6. What is passkey?
 7. List out the names of offline password attack.

- Que-5 Attempt all questions.** [14]
1. Explain IDS with its types in detail. [7]
 2. What is firewall? Explain types of firewall. [7]

OR

- Que-5 Attempt all questions.** [14]
1. What are the common network vulnerabilities? [5]
 2. Explain types of password in details. [5]
 3. Explain following password cracking tools. [4]
 - A. Cain & Abel
 - B. John the Ripper

- Que-6 Attempt all questions.** [14]
1. Explain strong and random password in brief. [5]
 2. Explain DNS poisoning attack in detail. [5]
 3. Explain various online password attacks. [4]

OR

- Que-6 Attempt all questions.** [14]
1. Explain honeypot and its types in detail. [7]
 2. How password cracker works? Explain with diagram. [7]

