

National Forensic Sciences University
Gandhinagar Campus
School of Cyber Security and Digital Forensics

MSc Cyber Security
Semester – I
CTMSCS SI P1 - Essentials of Cyber Security and Cyber Warfare
TA 1 Exam (Dec 2021)

Total Marks: 25 Marks

Date: 20/12/2021

Note: Attempt any five

1. Explain windows operating system with its different components.
- ✓ 2. List and explain any five commands of Windows Operating system.
- ✓ 3. Explain different types of firewall with appropriate example.
- ✓ 4. Write a case study on computer security breach.
- ✓ 5. Write a short note on Windows Log.
- ✓ 6. Give the full form of following (Any five)
 - a. CERT
 - b. DNS
 - c. VPN
 - d. IP
 - e. PING
 - f. SOC
 - g. IRM

National Forensic Sciences University
School of Cyber Security and Digital Forensics

Course Name: M.Sc. Cyber Security (Batch: 2021-23)

Semester - I Exam: TA - I (DEC - 2021)

Subject Code: FSMSCS SI P2

Subject Name: Cyber Security Audit & Compliance

Time: 02.30 pm to 03.15 pm

Date: 20-12-2021

Q1. Answer the following questions in short. (Attempt any 5) [25 Marks]

- ✓ 1. Illustrate the difference between audit and assessment.
- ✓ 2. State the importance of audit in the industry. —
3. Discuss any real world case study related to fraud and show case the importance of the audit.
4. Write a short note on "Role of HR Security in organization" according to ISO 27001/2.
- ✓ 5. Explain various methods for conducting assessment. Exam
Interview
Test
- ✓ 6. During this pandemic of COVID-19, employers have to change their working style from traditional to modern that they have opted "Work from Home" culture for the survival as well as to continue their business. According to ISO 27001/2 standard which are the points in organization of information security shall be taken care? Explain with example.

- b. Calcutta
- c. Hyderabad
- d. Nagpur

b) Father of Forensic Ballistics

- ✓ a. Calvin Goddard
- b. Hans Gross
- c. Walter McCrone
- d. Leone Latte

c) Father of Questioned Documents

- a. Mathew Orifilla
- b. Alphonse Bertillon
- ✓ c. Albert Osborn
- d. Henry Faulds

d) Full form of D.F.S.S is _____?

e) Full form of G.E.Q.D is _____?

National Forensic Sciences University
School of Cyber security and Digital Forensic
M.Sc. Cyber security

Semester – I TA - I Examination

Subject code: - FSMSCS SI P3

Subject: - Web application security

Date: -21/12/2021

Time: - 14.30-15.15 pm

- Answer The following Questions:
- Attempt any five questions

1. Define the terms: -

5 Marks

- a. Vulnerability
- b. Threat
- c. Attack
- d. Exploit
- e. Shellcode

✓ 2. Explain CIA and AAA.

5 Marks

✓ 3. Describe vulnerability assessment process.

5 Marks

✓ 4. Describe types of vulnerability assessments.

5 Marks

✓ 5. Discuss benefits and limitations of Vulnerability scanners.

5 Marks

✓ 6. What is http and its methods?

5 Marks

a) First Capital of India

- a. Delhi
- ✓ b. Calcutta
- c. Hyderabad
- d. Nagpur

b) Father of Forensic Ballistics

- ✓ a. Calvin Goddard
- b. Hans Gross
- c. Walter McCrone
- d. Leone Latte

c) Father of Questioned Documents

- a. Mathew Orifilla
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- d. Henry Faulds

d) Full form of D.F.S.S is _____

Q1 ?

**NATIONAL FORENSIC SCIENCES UNIVERSITY
SCHOOL OF CYBER SECURITY & DIGITAL FORENSICS**

M Sc. Cyber Security

Semester-I

TA-1 Examination

Subject Code: FSMSCS SI P5

Subject Name: Introduction to Forensic Science & Cyber Law

Date: 22/12/2021

Total Marks: 25

- ✓ Q1. Explain the principles of Forensic Science in brief? (5 marks)
- ✓ Q2. Define Forensic Science? What are the different services provided by Forensic Science laboratory? (5 marks)
- ✓ Q3. Mention the organizational Hierarchy in Forensic Science laboratory? (5 marks)
- ✓ Q4. Write a short note on roles, responsibility and duties of a Forensic Scientist? (5 marks)
- Q5. Multiple Choice Questions / Fill in the blanks (1*5 = 5 marks)

a) First Central Forensic Science Laboratory was established in

- a. Delhi
- ✓ b. Calcutta
- c. Hyderabad
- d. Nagpur

b) Father of Forensic Ballistics

- ✓ a. Calvin Goddard
- b. Hans Gross
- c. Walter McCrone
- d. Leone Latte

c) Father of Questioned Documents

- a. Mathew Orifilla
- b. Alphonse Bertillon
- ✓ c. Albert Osborn
- d. Henry Faulds

d) Full form of D.F.S.S is _____ ?

e) Full form of G.E.Q.D is _____