



QP CODE: 26019138



Reg No :

Name :

M.Sc DEGREE (CSS) EXAMINATION, MARCH 2026

Fourth Semester

ELECTIVE - CA800403 - ETHICAL HACKING

M Sc COMPUTER SCIENCE, M Sc INFORMATION TECHNOLOGY

2019 Admission Onwards

938CDFE0

Time: 3 Hours

Weightage: 30

Part A (Short Answer Questions)

*Answer any **eight** questions.*

Weight 1 each.

1. Explain about the gray areas in security.
2. What are the tools used for conducting insider attack?
3. Briefly explain about Advanced Static Analysis with IDA Pro.
4. Write about Internet Explorer security concepts.
5. What is GET and POST method?
6. What do you meant by attack?
7. What is trojan attack?
8. What is TCP?
9. Define DNS Spoofing.
10. Differentiate high interaction honeypots and low interaction honeypots.

(8×1=8 weightage)

Part B (Short Essay/Problems)

*Answer any **six** questions.*

Weight 2 each.

11. Write a note on Physical penetration Attack.
12. What is reverse engineering? Why bother with reverse engineering?





13. Discuss about instrumentation tools in advanced reverse engineering.
14. Write a short note on cookies.
15. What are the countermeasures to avoid Sql injection?
16. Explain different DOS Attacks in detail.
17. Compare Packet Filter and Packet Inspection Firewalls.
18. How malware authors makes the tools undetectable?

(6×2=12 weightage)

Part C (Essay Type Questions)

*Answer any **two** questions.*

*Weight **5** each.*

19. How to conduct a social engineering attack?. Explain.
20. Discuss about vulnerability to exploit and client-side browser exploits.
21. Explain Buffer overflow attack.
22. Explain the following batch file commands : a. REM b. PAUSE c. ECHO d. SHIFT

(2×5=10 weightage)

