



QP CODE: 26019167



Reg No :

Name :

M.Sc DEGREE (CSS) EXAMINATION, MARCH 2026

Fourth Semester

MSc CYBER FORENSICS

Core Courses - CF010401 - CYBER SECURITY RISK ASSESSMENT

2019 Admission Onwards

03130FD4

Time: 3 Hours

Weightage: 30

Part A (Short Answer Questions)

*Answer any **eight** questions.*

Weight 1 each.

1. Describe Periodic review.
2. What is Security risk assessment?
3. What are the vulnerabilities in security risk assessment?
4. What are Undesirable Events?
5. How to obtain business mission information?
6. Draw the flowchart of RIOT document review technique.
7. Explain the process determining risk.
8. Explain the steps in creating risk statements.
9. Explain project planning.
10. What is qualitative analysis?

(8×1=8 weightage)

Part B (Short Essay/Problems)

*Answer any **six** questions.*

Weight 2 each.

11. Define the role of the security risk assessment.
12. Explain about penetration testing and Ad hoc testing.





13. Explain pre-assessment briefing.
14. How physical security controls are inspected in physical data gathering.
15. What are points to consider when preparing quality document?
16. Describe document specification of security risk assessment report.
17. Explain the need of obtaining more resources and using management reserve in security risk assessment project.
18. Write about project status reporting and status report contents.

(6×2=12 weightage)

Part C (Essay Type Questions)

*Answer any **two** questions.*

Weight 5 each.

19. Describe about (a) Gap assessment (b) Compliance audit (c) Security Audit (d) Vulnerability scanning
20. Explain in detail about asset valuation.
21. Explain various factors to consider while selecting safeguards.
22. Describe about project tracking.

(2×5=10 weightage)

