

STELLA MARIS COLLEGE (AUTONOMOUS) CHENNAI – 600 086
(For candidates admitted during the academic year 2009-10 & thereafter)

SUBJECT CODE : CS/PE/SI23

M. Sc. DEGREE EXAMINATION, APRIL 2011
INFORMATION TECHNOLOGY
SECOND SEMESTER

COURSE : ELECTIVE
PAPER : SECURITY ISSUES IN INFORMATION TECHNOLOGY
TIME : 3 HOURS **MAX. MARKS : 100**

SECTION – A

ANSWER ALL THE QUESTIONS.

(10 X 2 = 20 MARKS)

1. What is a spam?
2. What are backdoors?
3. What is VPN?
4. What is Click Fraud?
5. What is pharming?
6. What are cookies?
7. What is black listing?
8. Define hashing.
9. What is password filtering?
10. What is buffer overflow?

SECTION – B

ANSWER ANY SIX OF THE FOLLOWING QUESTIONS.

(6 X 5 = 30 MARKS)

11. Discuss the advantages and the disadvantages of honey pot.
12. Briefly explain IDS.
13. Explain data theft and data loss.
14. Explain the advantages of using POST over GET.
15. Explain about salting technique in detail.
16. Discuss about white listing.
17. Explain offline dictionary attacks.
18. Discuss about Turtle shell architecture.

SECTION – C

ANSWER ANY FIVE OF THE FOLLOWING QUESTIONS. (5 X 10 = 50 MARKS)

19. Discuss about any four processing mode categories of firewall.
20. Discuss about scanning and analysis tools.
21. Discuss about security in software requirements.
22. Explain the principle of least privilege.
23. What are worms? Explain any four worms.
24. Discuss about SQL injection attacks and how can you avoid the same.
25. Discuss about password security techniques.
