M.Sc DEGREE (CSS) SPECIAL REAPPEARANCE EXAMINATION, APRIL 2025

Third Semester

M.Sc CYBER FORENSICS

CORE - CF010303 - MALWARE ANALYSIS

2019 ADMISSION ONWARDS

4DA2C248

Time: 3 Hours   Weightage: 30

Part A (Short Answer Questions)

*Answer any **eight** questions.*

*Weight **1** each.*

1. Define the Virulence.

2. Define Logic Bomb. How logic bomb operate?

3. Explain UNIX_OWR Virus.

4. Explain Companion virus.

5. Write about rsh command.

6. Define xanax worm.

7. Define Defense against retaliating viruses.

8. Explain fighting the evolutionary virus.

9. Explain Video display management in BIOS.

10. Define Viral Boot Sector.

(8×1=8 weightage)

Part B (Short Essay/Problems)

*Answer any **six** questions.*

*Weight **2** each.*

11. How Do Viruses Operate?

12. What is Source code viruses? What are the advantages of source code and how this virus operates?

13. Explain the fighting overinfection with example.

14. Write a short note on Vbash virus restoring function.

15. Which are the procedures used in love letter worm?

16. Explain memory "stealth".

17. Describe about Polymorphic virus.

18. Explain operation of KOH virus.

<div align="right">(6×2=12 weightage)</div>

Part C (Essay Type Questions)

*Answer any **two** questions.*

*Weight **5** each.*

19. Explain in detail about weaknesses and Flaws of the vcomp ex virus.

20. Explain in detail about various procedures of the xanax worm.

21. How a virus detector works?

22. Write an essay on environmental cryptographic key generation.

<div align="right">(2×5=10 weightage)</div>