B.Sc DEGREE (CBCS) REGULAR / REAPPEARANCE EXAMINATIONS, MARCH 2024

Sixth Semester

B.Sc Cyber Forensic Model III

CORE COURSE - CF6CRT17 - ETHICAL HACKING AND DIGITAL FORENSICS

2019 Admission Onwards

E9379BDB

Time: 3 Hours

Max. Marks : 80

Part A

*Answer any **ten** questions.*

*Each question carries **2** marks.*

1. Write a short note on BIOS Password.

2. Write a short note on ports and Sockets.

3. Define Blue death.

4. Write two commonly used checksum.

5. What is IP Spoofing?

6. What are Botnets?

7. What is HTTP tunneling?

8. What is documentary evidence?

9. How to secure website from hackers?

10. What is Reconnaissance ?

11. What is data integrity?

12. Define journaling?

(10×2=20)

Part B

*Answer any **six** questions.*

*Each question carries **5** marks.*

13. Explain Buffer Overflow.

14. Write a note on Application proxy Level firewall.

15. Explain security controls in application systems controls ISO 27001.

16. What is Zachman Framework?

17. Write a note on TRIP and Strategic risk rating.

18. Write a note on SOAP.

19. What is macro computer fraud taxonomy.

20. What are the fundamental characteristics of neural networks?

21. Write a note on novelty detection. And self organising maps.

(6×5=30)

Part C

*Answer any **two** questions.*

*Each question carries **15** marks.*

22. Explain Social engineering.

23. Explain DDoS and it's types.

24. Explain IDS and It's categories.

25. Write a note on journaling and its importance.

(2×15=30)