QP CODE: 24027878

24027878

Reg No : .....

Name : .....

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

Third Semester

B.Sc Cyber Forensic Model III

Core Course - CF3CRT06 - COMPUTER NETWORKS AND NETWORK SECURITY

2019 Admission Onwards

3D7AFF7C

Time: 3 Hours Max. Marks : 80

Part A

*Answer any **ten** questions.*

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

1. List the different types of topology .
2. What do you mean by ARP spoofing?
3. Define security service.
4. Define active attacks.
5. What are the requirements for secure use of symmetric encryption?
6. Define the term SPD.
7. What is vulnerability?
8. What is TLS?
9. Explain about SSL Alert protocol.
10. What is PGP?
11. How the firewall is implemented in VPN?
12. Define stateful inspection firewall.

(10×2=20)

Part B

*Answer any **six** questions.*

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

13. Explain TCP/IP protocol suit.

14. How does DNS works?

15. What is authenticity?

16. Explain the secret information.

17. Which are the components of role based model?

18. What are the dimensions used to characterize cryptographic systems?

19. How symmetric keys can be distributed using symmetric encryption?

20. Write a brief description of SSL Record protocol.

21. What is distributed firewall configuration?

(6×5=30)

Part C

*Answer any **two** questions.*

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

22. Explain in detail on UDP.

23. Write a brief Description of public key Cryptosystems and Explain RSA algorithm with suitable example.

24. Explain about AH and ESP protocols.

25. Briefly explain Password Management.

(2×15=30)