DECEMBER 2022 **P/ID 17618/PCAE4**

Time : Three hours Maximum : 80 marks

PART A — (10 × 2 = 20 marks)

Answer any TEN questions in 50 words each.

1. What is meant by interception?

2. Distinguish between virus and worm.

3. What is relocation?

4. What is biometrics protection?

5. List out the role of Database administrator.

6. Define Brute force attack.

7. State the purpose of integrity lock.

8. List any two cryptography protocols.

9. What are the two types of intrusion detection system?

10. What is meant by patent?

11. What is passive wiretapping?

12. Write the categories of computer crime.

PART B — (5 × 6 = 30 marks)

Answer any FIVE questions in 250 words each.

13. Discuss the relationship between confidentiality, integrity and availability.

14. What is called targeted malicious code? Explain.

15. Explain the various security issues in Multilevel databases.

16. What is meant by complex attack? Explain.

17. What do you mean by secure e-mail? Explain.

18. Compare the various firewalls. /'~

19. What is spoofing? Explain with an example.

PART C — (3 × 10 = 30 marks)

Answer any THREE questions in 500 words each.

20. Discuss about non-malicious program errors and explain how it can be prevented or mitigated.

21. Describe the authentication process in detail.

22. Describe the various controls that provide the basic security for Databases.

23. What makes a network vulnerable? Explain about the various threat precursors in a network.

24. Explain the respective rights of employees and employers to their ownership of products.

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