MAY 2023 **P/ID 17618/PCAE4**

Time : Three hours Maximum : 80 marks

PART A — (10 × 2 = 20 marks)

Answer any TEN questions.

1. What are the attacks to security?

2. What is called targeted malicious code?

3. What is the use of access control matrix?

4. What is relocation?

5. List out the role of Database administrator.

6. What are the problems associated with biometrics?

7. Define the term database integrity and element integrity.

8. List down the various threats in network.

9. What is Firewall?

10. What is patent?

11. What is passive wiretapping?

12. Write down the categories of computer crime.

PART B — ($5 \times 6 = 30$ marks)

Answer any FIVE questions.

13. Differentiate between Virus and Worm.

14. Explain in detail about controls against program threats.

15. Give the guidelines for password selection.

16. What is group protection? Explain.

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

18. Compare the various firewalls.

19. Discuss on risk analysis.

PART C — ($3 \times 10 = 30$ marks)

Answer any THREE questions.

20. Discuss about Targeted Malicious code.

21. Describe the File protection mechanism.

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

23. Explain the concepts of network and cryptography.

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

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