MAY 2024 **P/ID 16311/PIT3J**

Time : Three hours Maximum : 80 marks

PART A — (10 × 2 = 20 marks)

Answer any TEN questions.

1. How can we secure our program?

2. What is non malicious program errors in information security?

3. List the methods to protect the operating system.

4. What is meant by authentication?

5. Define integrity.

6. Mention about sensitive data.

7. Expand PEM.

8. List the types of threats.

9. Mention the issues in ethics in computer society.

10. What are the software failures?

11. List the types of viruses.

12. Define threats.

PART B — ($5 \times 6 = 30$ marks)

Answer any FIVE questions.

13. Explain in detail about controls against program threats.

14. How we can apply, develop and apply counter measures on operating systems.

15. List the security requirements which we can apply in databases.

16. Elaborate intrusion detection systems with proper diagrams.

17. Mention the rights of employees in administrating security.

18. How we can achieve security in multilevel database.

19. Mention about properties to protect our email.

PART C — ($3 \times 10 = 30$ marks)

Answer any THREE questions.

20. Elaborate the procedure to protect the data from the criminals.

21. Explain in detail about security goals and policies.

22. Describe in detail about integrity and reliability to secure the network.

23. Explain about firewall to protect our data and mention about safety measures.

24. Elucidate in detail about risk analysis.

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