DECEMBER 2023 **P/ID 16311/PIT3J**

Time : Three hours Maximum : 80 marks

PART A — ($10 \times 2 = 20$ marks)

Answer any TEN questions.

1. Define attack.
2. List the types of cyber criminals.
3. What are the challenges in password protection?
4. Define access control.
5. Mention about reliability in database security.
6. List out the types of sensitive data.
7. Expand SSL.
8. What are types of firewall?
9. Mention about the features insecurity planning.
10. Give the types of risks in data security.
11. What are examples of security programs?
12. What is meant by intrusion detection system?

PART B — (5 × 6 = 30 marks)

Answer any FIVE questions.

13. What is the necessity to secure the programs? Give a proper architecture.

14. Describe about memory address protection with an example.

15. How can we protect out data in database.

16. Explain about integrity achieved to secure out data. Give an example.

17. Elaborate ethical issues in computer society.

18. Give the importance and rules of multilevel database with an example.

19. Mention the broader view on organisational security with appropriate case study.

PART C — (3 × 10 = 30 marks)

Answer any THREE questions.

20. Elaborate the features and importance of secure programs and state its properties.

21. Explain in detail about file protection mechanisms with neat diagram.

22. Give a detail explanation on PEM and SSL. Draw an architecture in necessary functionalities.

23. Describe about proposals in multilevel security.

24. How we can protect out secure information from computer criminals.

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