

April 2019

*Time - Three hours
(Maximum Marks: 75)*

- (N.B: (1) Q.No. 8 in PART - A and Q.No. 16 in PART - B are compulsory. Answer any FOUR questions from the remaining in each PART - A and PART - B
(2) Answer division (a) or division (b) of each question in PART - C.
(3) Each question carries 2 marks in PART - A, 3 marks in Part - B and 10 marks in PART - C.)*

PART - A

1. What is E-mail spoofing?
2. Why is a methodology important in implementing the information security?
3. What is intellectual property?
4. Define dumpster diving.
5. What is risk management?
6. What is digital signature?
7. List out any two symmetric encryption algorithms.
8. What are biometric locks?

PART - B

9. List out the components of an information system.
10. Define integrity.
11. What is mail bomb?
12. Write about the categories of threats.
13. Define benchmarking.
14. What is physical security?
15. What is VPN?
16. What is asset valuation?

PART - C

17. (a) Explain in detail about SDLC with neat sketch.

(Or)

(b) Explain the critical characteristics of any three information in detail.

18. (a) Explain any three types of attacks.

(Or)

(b) Explain any three software development security problems.

19. (a) Explain in detail about cost benefit analysis.

(Or)

(b) Explain in detail about risk identification.

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20. (a) Explain any two firewall architecture in detail.

(Or)

(b) Explain (i)Vernam cipher (ii)Transposition cipher.

21. (a) Explain in detail about physical security controls.

(Or)

(b) Explain in detail about heating, ventilation and air conditioning.
