Reg. No. : ☐☐☐☐☐☐☐☐☐☐☐☐

## Question Paper Code : 81332

M.E./M.Tech. DEGREE EXAMINATION, NOVEMBER/DECEMBER 2013.

Second Semester

Computer Science and Engineering

CS 9224 /CS 924 — INFORMATION SECURITY

(Common to M.E. Software Engineering and M.Tech. Information Technology)

(Regulation 2009)

Time : Three hours                                      Maximum : 100 marks

Answer ALL questions.

PART A — (10 × 2 = 20 marks)

1. What is Computer Security?

2. Define Hybrid policies.

3. What is meant by cryptography?

4. What is revoking keys?

5. Define Representing identity.

6. What is meant by information Flow?

7. Mention about the malicious logic.

8. What is Auditing?

9. Define Network Security.

10. What is meant by Program Security?

PART B — (5 × 16 = 80 marks)

11. (a) Explain in detail about the Access control matrix and policy security policies.

Or

(b) Briefly discuss about the confidentiality policies and integrity policies.

12. (a) Describe in detail about the key exchange and generation.

Or

(b) Explain in detail about key management and Digital signatures.

13. (a) Briefly Explain about the Design Principles and Representing identity.

Or

(b) Describe in detail about the Access control mechanisms.

14. (a) Explain in detail about the malicious logic and vulnerability Analysis.

Or

(b) Discuss various intrusion detection techniques.

15. (a) Briefly Describe about the Network security and system security.

Or

(b) How security is to be provided to user and program?

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