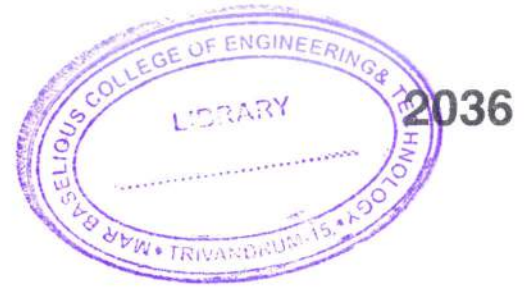




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Reg. No. :

Name :

Eighth Semester B.Tech. Degree Examination, May 2013
(2008 Scheme)
08.803 E : SECURITY (F)

Time : 3 Hours

Max. Marks : 100

PART – A

Answer **all** questions. **Each** question carries **four** marks.

1. Explain why the product of two relatively simple ciphers, such as substitution and transposition, can achieve a high degree of security ?
2. What is meant by hazard analysis ?
3. Differentiate between a transient virus and a resident virus.
4. What are the levels of protection that uses might want to apply to code or data ?
5. Write security features of a trusted operating systems.
6. What is a covert timing channel ?
7. What are the threats to e-mail ?
8. Write strengths and limitations of Intrusion Detection Systems.
9. Why does a PKI need a means to cancel or invalidate certificate ?
10. List factors that should be considered when developing a security plan. **(4×10=40 Marks)**

P.T.O.



PART – B

Answer **any one** question from **each** Module.

Module – I

11. Discuss about substitution ciphers. 20

OR

12. Explain the types of non malicious program errors. How it can be prevented or mitigated ? 20

Module – II

13. a) What are the assurance techniques to seek out the vulnerabilities and eliminate effects of vulnerabilities ? 10

b) Write notes on Kernalized design. 10

OR

14. Discuss about multilevel databases. 20

Module – III

15. Explain basic steps involved in risk analysis. 20

OR

16. Explain ethical issues associated with computer security. 20
