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**B – 2683**

Reg. No. : .....

Name : .....



**Eighth Semester B.Tech. Degree Examination, December 2016**  
**08.803 E : SECURITY (F)**  
**(2008 Scheme)**

Time : 3 Hours

Max. Marks : 100

**PART – A**

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

1. Write any four examples of data whose confidentiality has a short timeliness, say a day or less.
2. What are the properties of digital signatures ?
3. What is meant by polymorphic viruses ?
4. Distinguish between a covert storage channel and a covert timing channel.
5. Explain how a fence register is used for relocating a user's program.
6. List advantages of ITSEC over TCSEC.
7. Explain poly instantiation.
8. Write goals for Intrusion Detection Systems.
9. Does a VPN use link encryption or end-to-end ? Justify your answer.
10. What are the strategies for dealing with risk ?

P.T.O.



**PART – B**

Answer **any one** question from **each** Module. **Each** question carries **20** marks.

**Module – I**

11. Write types of vulnerabilities. Explain each with example.

OR

12. Explain briefly about targeted malicious code.

**Module – II**

13. What are the different types of control of access to general objects in operating systems ?

OR

14. Explain basic security requirements of database systems.

**Module – III**

15. Discuss Network Security Controls.

OR

16. Explain the rights of employees and employers to their computer products.

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