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M.Tech.(Information Security) (2012 Onwards E-III) (Sem.-3) INTRUSION DETECTION ANALYSIS

Subject Code: IS-529 Paper ID: [E1343]

Time: 3 Hrs. Max. Marks: 100

INSTRUCTION TO CANDIDATES: I

- 1. Attempt any FIVE questions out of EIGHT questions.
- 2. Each question carries TWENTY marks.
- 1. What is the broad classification of IDS? List down the strengths and limitations of IDS.
- 2. Explain the basic features of the Firewall Analysis Tools. List the advantages and disadvantages of NIDS and NIPS and explain.
- 3. How is a tool like an integrity checker used in Intrusion Detection? What are the open standards exist for Intrusion Detection?
- 4. How to deploy network based Intrusion Detection Systems in a switched network?
- 5. What is a honeypot? Why do we need one and how are they used in an organization?
- 6. What are Policies? How are Policies translated to Operational practices? Explain by taking an IDS as an example.
- 7. What are different categories of Firewall Policies? Give atleast five different example of firewall configurations.
- 8. Which is the latest IT Security Law in India called? When was the last amendment made to it? Also explain five different business security issues.

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