Assignment-1

long answers:

1.explain the characteristics of information in detail.

2.list out the components of information security.

3.explain security development life cycle.

4.explain different threats posing danger to information security?

5.list out different attacks.

6.Explain Risk Management.

7.Explain different Risk control Stratagies.

8. Write about Ethical Concepts in IS.

9.How is Risk Assessed?

10.What are the criteria to carry out information asset valuation?Discuss.

short answers:

1.explain NSTISSC model in brief.

2 .What are the components of ISS.

3.list out professions in information security.

4.define threat,threat agent,attack,vulnerability.

5. define replication vector.

6.Differentiate between virus nad worm

7.What is benchmarking?

8.Outline the types of data ownership with their responsibilities.

9.What is meant by software license infringement?

10.Describe Risk Mitigation.

11. What is Sarbane-Oxley Act?

12 What is Kennedy-Cssabaum Act?

13.Information Asset A has a value score of 100 and has two vulnerabilities.Vulnerability1 has a likelihood of 0.5 with a current control that addresses 60 percent of its risk;vulnerability 2 has a likelihood of 0.2 with no current controls.Estimate the risk by assuming data are 75 percent accurate.

14. What are 3 principles used to define CIA triangle ?

15. What is difference between direct and indirect attack?