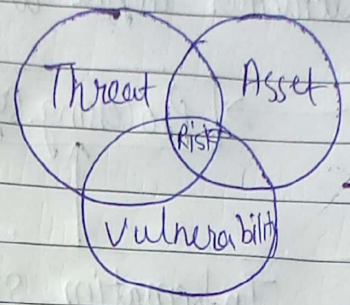


Ques (A) Security risk analysis - Security risk analysis is also called as risk assessment. It is fundamental to the security of any organization. It is essential in ensuring that controls and expenditure are fully commensurate with the risks to which the organization is exposed.



The process to determine which security controls are appropriate and cost effective is quite often a complex and sometimes a subjective matter.

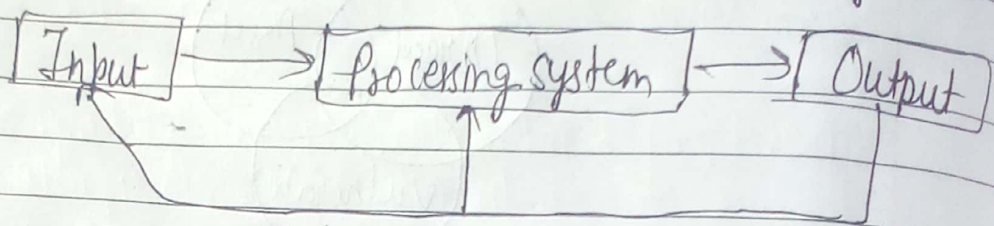
- ③ One of the prime functions of security risk analysis is to put the process onto a more objective basis.
- ④ Quantitative risk analysis makes use of a single figure produced from these elements this is called the Annual Loss Expectancy or the estimate Annual Cost.
- ⑤ Qualitative risk analysis probability data is not required and only estimated potential losses

Information system are combinations of hardware software and telecommunications network that people build and use to collect, create and distribute useful data. typically in organizational settings

- ① Objective of Information System is to provide appropriate information to the user to gather the

Data processing of the data and communicating the information to the user of the system.

- 3) Information system also allow firms to create entirely new business models that describe how digital firms produce, deliver and sell products and services.
- 4) Three key activities define an information system.



Information system

- a) Input are the raw data and information that comes into an information system from its external environment.
- b) processing is what the information system does with inputs to turn them into information. this can involve classifying.
- c) Output are how the processed information.

Ques/Ans

Application security — It is the process of developing adding and testing security features within applications and present security vulnerabilities against threats

- 1) Computer hardware
- 2) Computer software
- 3) Telecommunication
- 4) Data bases and data warehouses
- 5) Human resources and procedures