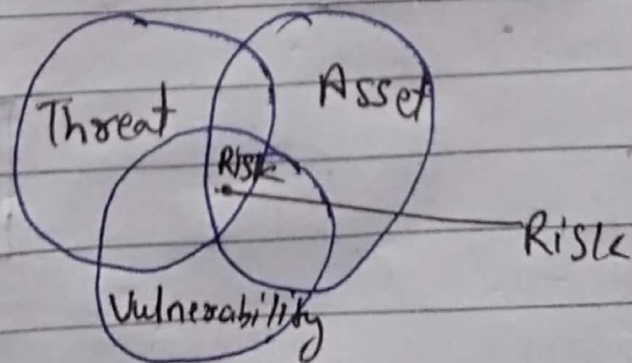


Q-1

## Security Risk analysis:

1. Security Risk analysis is also called  
2. as Risk ~~management~~ 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.



R 2.

Shot on realme 2

By Lokender Pal

The process to determine which Security Controls are appropriate and cost effective is quite often a complex and

Sometimes a subjective matter

C

3. One of the prime functions of security risk analysis is to put this process onto a more objective basis.

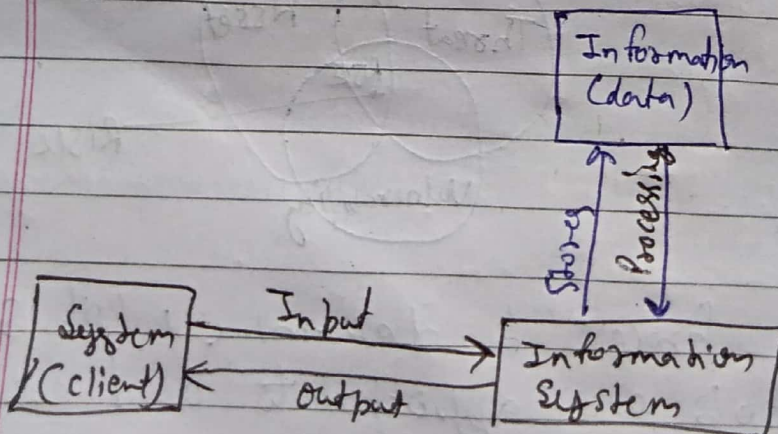
C

Quantitative risk analysis makes use of a single figure produced from these elements - this is called the "Annual Loss Expectancy (ALE)" or "Estimate Annual Cost" (EAC)

## Function of Information System

An IS is a designed system that collect, stores, process and distributes information about the state of domain

An Information system is therefore considered to have three main functions



- a) memory! - To maintain a representation of a state of a domain
- b) Informative! - To provide information about the state of domain
- c) Action! - To perform action that change the state of a domain.