

## Section-3

### Approches

Information System Resource are 1.

1. People | Enduser, IS Specialist
2. Hardware | machine and media
3. Software | Program and procedures
4. Data | Data knowledge base
5. Network | communication media & network

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## Activities of Information system

### a. Input activities!

1. Input activities typically take the form of data entry activities such as recording and editing.

### b. Processing activities!

1. Processing activities are accomplished whenever any of computer executes the program that are part of their e-business and e-commerce software resource.

### c. Output activities

- ① Output activities primarily involve the display or printing of information products.
- ② Information in various forms is transmitted to end-user and made available to them in the output activity.

### d. Storage activities!

1. Storage is the IS activity in which data and information are retained in an organized manner for later use.

1. Control activities: Control activities include the use of pass words and other security codes by customers, suppliers and employees for entry into e-business and e-commerce websites, and access of their databases and knowledge bases.

## Need for Information Security

Information Security performs four important functions.

1. protecting the functionality of organization

(a) Decision makers in organizations must set policy and operate their organization in compliance with the complex, shifting legislation that controls the use of technology.

2. Enabling the safe operation of application

a. Organizations are under immense pressure to acquire and operate integrated, efficient and capable applications.

3. protecting data that organizations collect and use

protecting data in motion

b. protecting data at rest

c. The value of data motivates attackers to steal or corrupt it

d. safe guarding technology assets in organization

e. must add secure infrastructure service based on the size and scope of the enterprise.