(2) Briefly describe the characteristics of a system.

Characteristics of a system:

1. **Organization**:

It implies structure and order. It is the arrangement of components that helps to achieve objectives.

2. **Interaction**:

It refers to the manner in which each component functions with other components of the system.

3. **Interdependence**:

It means that parts of the organization or computer system depend on one another. They are coordinated and linked together according to a plan. One subsystem depends on the output of another subsystem for proper functioning.

4. **Integration**:

It refers to the holism of systems. It is concerned with how a system is tied together.

5. **Central Objective:**

A system should have a central objective. Objectives may be real or stated. Although a stated objective may be the real objective, it is not uncommon for an organization to state one objective and operate to achieve another. The important point is that users must know the central objective of a computer application early in the analysis for a successful design and conversion.