OOPS

**NOUN** - CLASS

**ADJECTIVE** - ATTRIBUTES , VARIABLE

**VERB** – METHODS

**OOPS TERMINOLOGY**

1. **ABSTARCTION: Hiding internal details show only essential features**

**Example:** use phone without mothering about how it was made

1. **ENCAPSULATION-** the act of putting various components together **(just like a capsule, multiple medicine together)**

**Example:** Laptop is a single entity with wifi, speaker, storage in a single box

In java , encapsulation is used to simply hide sensitive date from the users.

1. **INHERITCANCE :** The act of deriving new things from existing thing

**Example: riskshaw - e-rikshaw**

**Phone - smart phone**

1. **Polymorphism :** One entity multiple forms

**Example :** smartphone – phone

**Smartphone-** calculator

**Smartphone -** calendar