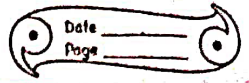


H/W  
16/08/21

## HOME ASSIGNMENT



① What is 10% law related to food chain?

Ans → 10% law related to food chain states that only 10% energy is transferred from one trophic level to the next successive trophic level. So, the majority of the energy when it is transferred is lost.

② What are the different types of relationships between the components of ecosystem. Name them and give <sup>one</sup> example from each.

Ans → Ecosystem is formed due to the interaction between living things and also non-living components in a balanced way. This interaction basically means the transfer of energy in the form of food (dependence). Ecosystem components are classified

into 2 categories -

- \* Biotic Components → Ex - Floral Fauna etc.
- \* Abiotic Components → Ex - Air, Sun light etc.

⇒ Biotic components are classified into 3 categories.

- \* Producers → Ex - Plants etc.

- \* Consumers → Ex - Wildlife - Deer, Tiger etc.

- \* Decomposers → Ex - Bacteria etc.

⇒ Consumers are again categorised into 3 parts -

- \* Primary Consumers → Ex - Deer etc.

- \* Secondary Consumers → Ex - Lion etc.

- \* Top consumers → Ex - Crocodile etc.