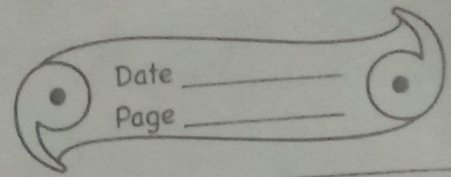


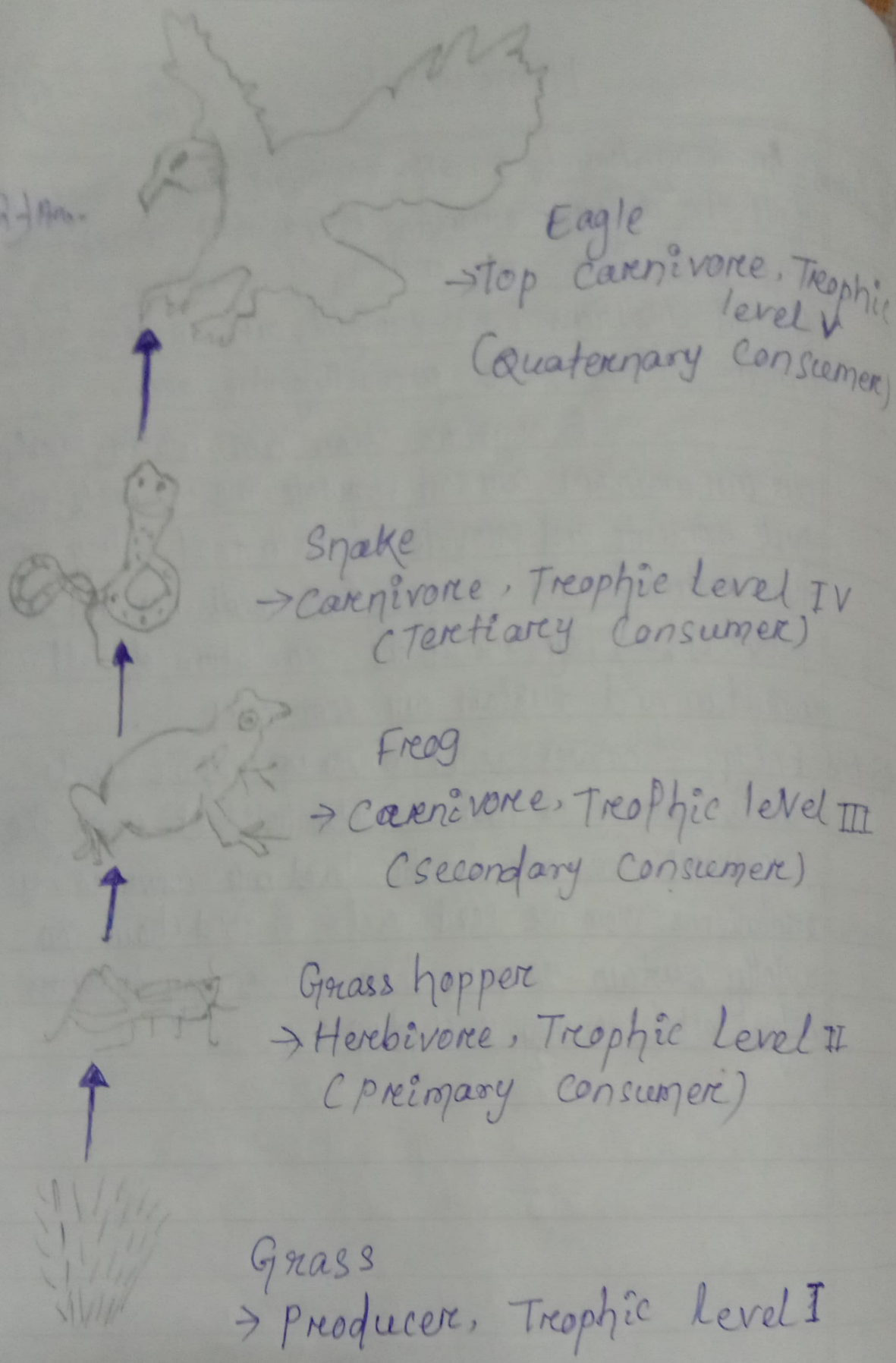
Home Work



Q 1. ans - An ecosystem is a self-contained area composed of all the different organisms living in it, interacting with each other, as well as interacting with the physical conditions i.e. sunlight, air, water, soil, climate factors ; etc. prevailing in the area.

Ecosystems clean our water, purify our air, maintain our soil, regulate the climate, recycle nutrients and provide us with food. They provide raw materials and resources for medicines and other purposes. They are at the foundation of all civilisation and sustain our economies.

Q2) Ans-



Q3. Ans- Energy decreases as it moves up trophic levels because energy is lost as metabolic heat when the organisms from one trophic level are consumed by organisms from the next level. A food chain can usually sustain no more than six energy transfers before all the energy is used up.