

EEE - Assignment

Q.1. If we all became vegetarians, will we be able to support our large population?

A.1. Yes, if we all became vegetarians, we will be able to support our large population. The world's cattle consume a quantity of food equal to the caloric needs of 8.7 billion people (more than entire human population). In the US, animals are fed more than 80% of the corn they grow & more than 95% of oats.

The non-veg food production is done according to demand, which means, even if everyone becomes vegetarian, animals (coming in that niche wouldn't overpopulate).

All non-vegetarians already eat vegetarian food along with non-veg food, so the demand of vegetarian food won't blast out or which ~~won't~~ ^{cannot} be satisfied.

Q.2. Discuss Grazing food chain & Detritus food chain with examples.

Basis of Diff	Grazing Food Chain	Detritus Food Chain
• Definition	Starts with green plants as main source	Starts with dead remains as main source
• Energy Source	Primary source of energy is solar energy	Dead remains of plants & animals are the primary energy source.

• Organisms Involved	all the macroscopic or sub-soil organisms	Microscopic organisms
• Importance	Grazing food chain releases energy into the ecosystem.	It uses large amt. of energy from the environment.
• First Trophic level	Green plants	Decomposers.

Q.3. As per IS: 10500-2012, acceptable limits for chloride in drinking water is 1000 mg/L