NAME: Ananya Prasad

SUBJECT: CHY1002

REG NO: 20BCE10093

FACULTY: DR SUMIT MITTAL

DATE: 18 Jan, 2021

PRACTICE TEE

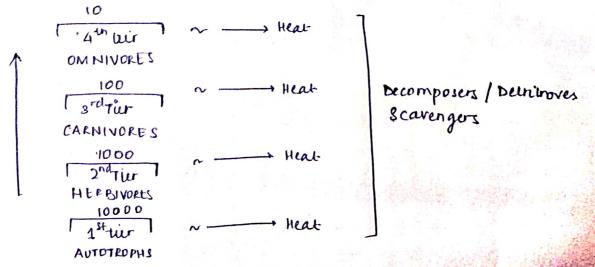
1 (a) Food chain - Different species of flora and fauna together form a food chain a food chain is ess complex and includes a chain of organisms. It is us complicated as it limits the number of organisms.

cg — frais — Hare — Lion — Vuture

Food Web - When different food chains overlap and form a complex connection of who cats whom , is called a food web.

chicken Lion Tiger Have deur Grass

According to second law of thermodynamics, wherever there is flow of energy, some energy is always lost. So as the chain progresses, less energy is delivered to the next tier. Similarly, in case of food webs, the complexity is high and it requires many autotroughs and first and second their organisms to sustain a food web. No food chain or food web is observed having any more levels than four or five tiers because of this reason.



FOOD CHAIN -> fallen leaves -> insect larvae -> birds

Bactina

eg

Various memore of solid waste disposal;

* LANDTILLS -

while is spread over a large area in thin layers, compressed and covered with sole and thick placed.

The bottom is covered with an impervious layer wher to proved ground water

from being contaminated because of percolation

· when the landfile is full, it is covered with topsoil, gravel, sand and etay to prevent scipage of water

* INCINERATION

Burning of solid waste to turn it into ashes. Incinerators are made in such a way that they do not radiate large amounts of heat.

The volume of waste reduces to 20-30% of original volume It creaces air pollution and has lexin and is expensive than landfills

COMPOSTING

Biodigradable waste

Decompose biological was to in extigen rich environment.

* SOURCE REDUCTION - Reuse, Reduce, Reycle.

Reduce and reme - reduce costs, toxicity and saves resources

A. Recycling - reduce environmental degradation, best out of wastersare resources.

Impact of overpopulation on Environment: 3

POLLUTION - Increase in waste and other forms of pollution air, water etc DEFORESTATION - Due to increased industrialization and demand for space for large population, forests are being distroyed.

RESOURCE DEPLETION-Natural resources are being exploited; out of which many are non-renewable resources. They can't be replenished soon and are not being used in a sustainable way

POVERTY AND ONSANITARY SURROUNDINGS

HEALTH - Pau of growth of infectious diseases increase. In general, maintaining proper health of the entire population is difficult.

Global warning is also an impart of overpopution to some extent.

PRODUCTES

Manufacture organic compounds from inorganic substances. Product is consumed by them as well as by the other organisms. They derive nutrition from abiotic component, soil on water and manufacture their own food using protosynthesis in presence of sunlight.
They are the base of the food chain.

Producers are of two types Photo autotrophi - synthesize food through sunlight
Chemo-autotrophis - synthesize food from burining of chemicaes soming up from
Earth's crust.

Arimans feed on producers directly. They are herbivores. Secondary consumers are arimans that feed on primary consumers.

belle attended attended to

Sources of energy which do not deplete and harm the environment help in sustainable growth/living hence alled sustainable energy resources. Fenerouse energy is a sustainable energy source.

SOLAR ENERGY- cles nuclear fission in sun

g Solarwater heater, solar woker, colar ull etc

HYDROPOWER - water stored in a dam falls from a height; the blades of the terbin located at the bottom of the dam moves very fast with fast moving water. This rotates the generator and produce electricity/energy.

Produce energy. The generation works as the tirdle comes in and again when it goe but. The turbines are driven by the power of the sea in both directions.

Duan thermae energ. The energy obtained due to the difference in temperature of

water surface.

A difference of 20°C is required.

Wind energy - It is captured by turbines and turned to to energy their include geothermal energy, business energy.

Hydrogen economy & Energy can be produced with just water.

No coe ernmissions, have high efficiency, low cost and pollution