



What is Environment?

ASSESSMENT # 1

Total Marks: 30

Answer the following questions:

Q: 1: Give short answers to the following questions:

(10)

What is Eco-system?
a biological community of interacting species or organisms and their physical environment.
What is Lithosphere?
The lithosphere is largely important because it is the area that the biosphere (the living things on earth) inhabit and live upon. ... In combination with the atmosphere and hydrosphere (water), it provides a stable source of nutrients for botanical life, which produce glucose that higher organisms use for sustenance a subdivision of the biosphere is the lithosphere which helps in the metabolic process in two ways. One, it is the only source of most of the minerals for organisms belonging to either terrestrial or aquatic conditions, and two, it forms the soil, required mainly by terrestrial plants.
Outline the functional components of eco-system.
An eco-system can be described simply as the collection of all living and non-living components in a particular area. The living components of the environment are known as biotic factors. Biotic factors include plants, animals, and micro-organisms
What did you understand by Sustainable Environment?
A state – place in air, land or water in which the demands placed on the environment can be met without reducing its capacity to allow all species, organisms, people to live well, now and in the future.
What are biotic and Abiotic components of natural environment?
Biotic describes a living component of an ecosystem; for example organisms, such as plants and animals. All living things: autotrophs and heterotrophs plants, animals, fungi, bacteria. abiotic components are non-living chemical and physical factors in the environment which affect ecosystems

Q: 2: Write notes on the followings:

(10)

Food Chain
A food chain is a linear sequence of organisms through which nutrients and energy pass as one organism eats another. In a food chain, each organism occupies a different trophic level, defined by how many energy transfers separate it from the basic input of the chain.
Food Web
A food web is a system of interlocking and interdependent food chains.

Activity

(10)

1/2 Visit your nearby rural area for a survey and find out the causes and effects of population growth
Rural area: lease Tarn barrow in Furness Cumbria Year 2000 This was once a small pond with a few farms and houses located around the tarn with lots of wildlife. Present due to population growth there is more people and traffic this has caused the following: a field has been turned into a car-park reducing food for the whole areas food web, the hedges in the country lanes are kept cut short to allow 2 sided traffic this has removed allot of shelter and homes for nesting birds, rabbits and hedgehogs living and food source. The pond now attracts visitors fishing this affects ground and risks contamination and overgrowth. Due to a food source being added by visitors (bread) Conclusion: 2018 at this area human population growth has reduced all other population growth ie species & organisms.



2/2 Visit a nearby business school and discuss with the students how important do they feel Environment Education is.

Business school: Furness collage barrow in Furness Cumbria

On visiting my local collage, I found that 99% of people were too busy to talk to me or did not want to talk to me because they did not know me.

I managed to speak to 2 male students that said all information they need to know on the Environment you get from the news.

I found this activity very challenging because its illegal in England as from 2014 to attend a university, collage, school without pre-arranged permission also the modern generation don't want to socialise face to face with people.

Conclusion: they (pupils) of the business school don't feel its important and don't have the time to talk to people about it.

Adverts or social media posts and lessons learnt would be the best way moving forward