

ASSIGNMENT
ON
CLASS X MANAGEMENT OF NATURAL RESOURCES

- Q1 Suggest three ways to maintain a balance between environment and development to survive.
- Q2 List any two traditional systems of water harvesting
- Q3 State an instance where human intervention saved the forests from destruction.
- Q4 What is water harvesting? Mention any two water harvesting structures.
- Q5 Why must we conserve our forests? List any two causes for deforestation to take place?
- Q6 What is 'Chipko Movement'? Why should we conserve forests?
- Q7 Suggest any four changes that you would like to incorporate in the life style of students of your age to move towards a sustainable use of available resources.
- Q8 An environmentalist on visit to your school suggested the use of three R's to save the environment. Explain what he meant by three R's and how you would follow his advice at home?
- Q9 What is meant by exploitation of resources with short-term aims? List its four advantages
- Q10 What is a dam? Write two main advantages and two ill-effects of constructing a big dam
- Q11 What is meant by sustainable management? The environmentalists are insisting upon "sustainable natural resource management". State its four advantages.
- Q12 Name four stake holders who depend on the forest resources, mentioning major needs of each category.
- Q13 List any four disadvantages of using fossil fuels for the production of energy
- Q14 What is an equitable distribution of resources in a society and why is it necessary? State any two factors which work against an equitable distribution of resources
- Q15 List three problems which arise due to construction of big dams. Suggest a solution for these problems.
- Q16 State the meaning of "sustainable management". Reuse is better than recycling. How?
- Q17 Why are forests considered "biodiversity hot spots"? List two ways in which an individual can effectively contribute to the management of forests and wildlife.
- Q18 What do you understand by "Watershed Management"? List any two advantages of watershed management.
- Q19 "Human beings occupy the top level in any food chain." What are the consequences of this on our body?
- Q20 "Burning of fossil fuels results in global warming". Give reasons to justify this statement.

ASSIGNMENT
ON
CLASS X OUR ENVIRONMENT

Q1 (a) What is 'environmental pollution'?

(b) Distinguish between biodegradable and non-biodegradable pollutants.

(c) Choose the biodegradable pollutants from the list given below:

Sewage, DDT, radioactive waste, agricultural waste

Q2 Why is ozone layer getting depleted at the higher levels of the atmosphere?

Q3 Why are bacteria and fungi called decomposers? List any two advantages of decomposers to the environment.

Q4 What are the two main components of our environment?

Q5 How is ozone formed in the upper atmosphere? Why is the damage of ozone layer a cause of concern to us? State a cause of this damage

Q6 Construct an aquatic food chain showing four trophic levels

Q7 What will happen if we kill all the organisms in one trophic level?

Q8 Describe how decomposers facilitate recycling of matter in order to maintain balance in the ecosystem.

Q9 Explain the phenomenon of "biological magnification" How does it affect organisms belonging to different trophic levels particularly the tertiary consumers?

Q10 What are the various steps in a food chain called?

Q11 Name two decomposers operating in our ecosystem.

Q12 In a food chain, 10,000 joules of energy is available to the producer. How much energy will be available to the secondary consumer to transfer it to the tertiary consumer?

Q13 What is food chain ? Give its characteristics. Explain how energy flows through different trophic levels in a food chain.

Q14 What are different methods for disposal of garbage ?

Q15 What is a food web ? Explain with example.

Q16 Why natural ecosystem is more stable than artificial ecosystem ?

Q17 Why only 10% energy is transferred to the next trophic level ?

Q18 Why are green plants called producers ?

Q19 Draw an energy pyramid showing different trophic level.

Q20 Which bag will you prefer for shopping and why ?

(a) Jute bag (b) Polythene bag