



INDIAN SCHOOL AL WADI AL KABIR

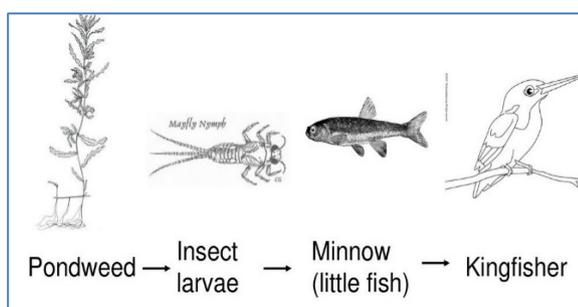
Class: X	Department: SCIENCE 2020 - 2021 SUBJECT : BIOLOGY	Date of completion: 16.04.2020
Worksheet No:1(A)	Topic: Our Environment	Note: A4 FILE FORMAT (PORTFOLIO)
NAME OF THE STUDENT:	CLASS & SEC:	ROLL NO.

BASIC LEVEL QUESTIONS

- 1.Name any two diseases that can be caused in humans due to ozone depletion.
- 2.What is biological magnification?
- 3.Give any two examples for manmade ecosystems.
- 4.Define ecosystem.
- 5.Which of the following materials are nonbiodegradable:
Paper, Cans, Plastic mugs, Jute bag, DDT, Nylon

INTERMEDIATE LEVEL QUESTIONS

1. What is the difference between food habits of organisms belonging to the first and third trophic levels of a food chain?
- 2.State the differences between producer and decomposer.
- 3.Observe the given food chain and answer the questions that follow:



- i)Identify the organism that has maximum amount of energy in it.
 - ii)Name the trophic level to which the insect larvae belongs.
 - iii)If the amount of energy received by the insect larvae is 10Joules,what is the amount of energy available to the kingfisher?
- 4.Construct a forest foodchain with three trophic levels.

ADVANCED LEVEL QUESTIONS

- 1.Differentiate between biodegradable and non biodegradable substances.

2. Explain the energy flow in a food chain. Why is energy flow in an ecosystem said to be unidirectional?
3. How would the absence of decomposers affect an ecosystem?

PREVIOUS YEAR QUESTIONS

1. What is a trophic level?
2. Suggest two measures to manage the garbage we produce?
3. As an individual, what can you do to generate least garbage? Give any two points.
4. Construct a food chain using the following organisms:
Insect, grass, snake, frog
5. State the importance of blue and green dustbins in the safe disposal of household waste.
6. Suggest a method to dispose:
 - i) domestic waste like vegetable peels
 - ii) industrial waste water
 - iii) plastic bottles
7. Differentiate between a food chain and a food web.

HIGHER ORDER THINKING SKILL QUESTIONS

1. Why are gardens known as artificial ecosystem?
2. Why does energy loss occur as we move from lower to higher trophic levels? Justify your answer with suitable example.
3. Suggest any two measures to control ozone depletion as a student.
4. Why is it important to dispose biodegradable and non biodegradable substances separately?
5. Briefly explain how human activities affect the normal composition of the atmosphere with the help of an example.

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CHECKED BY HOD - SCIENCE