



INDIAN SCHOOL DARSAIT DEPARTMENT OF SCIENCE



Subject : SCIENCE **Topic :Our Environment** **Date of Worksheet :30-05-2018**

Resource Person: Mrs. S.Subhaja Nandakumar

Name of the Student : _____ **Class: X & Div:** _____ **Roll Number :** ____

Answer the following:

- 1) Name the main source of energy in self- sustaining ecosystem? 1
- 2) Which of the following belong to the same trophic level: spider, crop, hawk, snail and lizard? 1
- 3) Define trophic level with an example. 1
- 4) Define 1*3
 - (a) CFC
 - (b) Bio-magnification
 - (c) Ecosystem
- 5) Give reasons: 2
 - (a) Use of Kulhads was not environment friendly idea.
 - (b) Disposable paper cup are better than plastic cups.
- 6) How can we help in reducing the problem of waste disposal? Give any two methods. 2
- 7) Explain 10% law using a schematic diagram. 2
- 8) What is the role of decomposers in the ecosystem?
- 9) Give two examples for each 2*3
 - (a) Biodegradable and Non-biodegradable waste
 - (b) Biotic and abiotic factors
 - (c) Natural and artificial ecosystem
- 10) Vegetarian food habits help us in getting more energy. Justify 2
- 11)
 - a) How is a food chain different from food web? Discuss with a suitable example. 3
 - b) What is the significance of food chain?
- 12) DDT that was sprayed in minute amount on crops was detected in high concentration in man. 3
Explain this phenomenon with an aquatic food chain..
- 13) Write a short note on ozone depletion and its effects. 3
- 14) What impact does removal of bacteria, fungi/microorganism have on our environment? 3