



INDIAN SCHOOL DARSAIT

DEPARTMENT OF SCIENCE



Subject : SCIENCE **Topic :OUR ENVIRONMENT** **Date of Worksheet : 28-08-2017**

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Date of submission:

Name of the Student : _____ **Class & Division :** _____ **Roll Number :** _____

Answer the following:

- 1) What is each step in a food chain called? 1
- 2) Which of the following belong to the same trophic level: grasshopper, spider, grass, hawk, and lizard? 1
- 3) Name the main source of energy in self- sustaining ecosystem? 1
- 4) Define 1*3
 - (a) Ozone hole
 - (b) Bio-magnification
 - (c) ecosystem
- 5)
 - (a) Use of Kulhads was not environment friendly idea. Why? 2
 - (b) What is the advantage of disposable paper cup use over plastic cups?
- 6) Expand the following 2
 - (a). U.N.E.P
 - (b). CFC
- 7) How can we help in reducing the problem of waste disposal? Give any two methods. 2
- 8) What will happen if we kill all the organisms in one trophic level? 2
- 9) Write any three activities which are eco-friendly. 2
- 10) Give reason: "Life on the earth depends on the sun." 2
- 11) What is 10% law? 2
- 12) Why vegetarian food habits help us in getting more energy? 2
- 13) What is the significance of food chains? 2
- 14) Diagrammatically represent the transfer of energy in a food chain. 2
- 15) Differentiate giving examples: 4*2
 - (a) Biodegradable and Non-biodegradable waste
 - (b) Biotic and abiotic factors
 - (c) Natural and artificial ecosystem
 - (d) Food chain and Food web
- 16) DDT that was sprayed in minute amount on food plants was detected in high concentration in man? How did it happen? Explain with an aquatic food chain.. 3
- 17) What is the role of decomposers in the ecosystem? 3
- 18) What will be the impact on ecosystems if bacteria, fungi/microorganism are removed from our environment? 3