



INDIAN SCHOOL DARSAIT DEPARTMENT OF SCIENCE



Subject : BIOLOGY

Topic : Improvement In
Food Resources.

Date of Worksheet : 22-1-2019

Resource Person: Mrs. Haseena Begum

Date : _____

Name of the Student : _____

Class & Division : _____

Roll Number : ____

1. Mention any two activities for the improvement of crop yield. 1
2. Define irrigation. 1
3. What is green manure? 1
4. Name the important systems of irrigation. 1
5. What are genetically modified crops? 1
6. What is organic farming? 1
7. What led us to improve food grain production? 1
8. What do we get from cereals, pulses, fruits and vegetables? 2
9. Mention the preventive and control measures used before grain is stored? 2
10. Why is it recommended to grow a leguminous crop between two crops? 2
11. Differentiate between intercropping and crop rotation. 2
12. It is said that the fertilizers change the soil chemistry. Do you agree? If yes ,why? 2
13. Define the term mixed cropping and give two examples. 2
14. What is called “Sustainable Practices” in improvement of food resources. 2
15. Distinguish between Macro Nutrients and Micro Nutrients 2
16. Distinguish between Compost and Vermicompost. 2
17. Mention three techniques of Hybridization used to achieve desirable agronomic characteristics. 3
18. List two biotic and abiotic factors each that is responsible for grain loss? 3
19. Differentiate between manure and fertilizers. 3

Animal husbandry

Answer the Following

- 1) Give two preventive measures to protect poultry birds from diseases. 1
- 2) Define Animal Husbandry. 1
- 3) What are the advantages of using exotic and indigenous cattle for breeding? 1
- 4) Give any two examples for each 1x2
(a) Indigenous cattle (b) Exotic poultry
- 5) Distinguish between 1x5
(a) Layers and broiler (b) Milch and draught cattle (c) Fin fishes and shell fishes
(d) Indigenous and exotic breeds (e) Capture and Culture fisheries
- 6) What is pasturage? 1
- 7) Mention the types of honey bee you will prefer to rear if you are running an apiary. 1
- 8) What is composite fish culture system? 2
- 9) What do you understand from the term integrated farming? 2
- 10) Which method is commonly used for improving cattle breeds and why? 2