

**NISCORT FATHER AGNEL SCHOOL, VAISHALI (2017-18)**  
**SELF LEARNING WORKSHEET (BIOLOGY)**  
**CLASS-IX, IMPROVEMENT IN FOOD RESOURCES**

**Short Answer Type Question:**

- Q1) Define the terms hybridization and photoperiod.
- Q2) Differentiate between compost and vermicompost?
- Q3) What is green manure?
- Q4) What do you understand by organic farming?
- Q5) What are the advantages of bee keeping?
- Q6) How is the use of manures beneficial for our environment?
- Q7) What is crop rotation?
- Q8) What is animal husbandry? Differentiate between Milch and draught animals.
- Q9) How does the deficiency of nutrients affect the growth of plants?
- Q10) Why should weeds be constantly removed from cultivated fields?
- Q11) Mention any two activities for the improvement of crop yield.

**Long Answer Type Question:**

- Q12) (a) Differentiate between mixed cropping and inter-cropping. Give one example of each.
  - (b) How is crop-rotation different from the above two ?
  - (c) Mention the factors that are taken into consideration for deciding choice of crops for inter-cropping and crop rotation. Also mention one advantage of each of these cropping patterns.
- Q13) Define 'Rain water Harvesting' and 'Water shed management' and state one advantage of each.
- Q14) Mention any two advantages of using Italian bee variety in honey production.
- Q15) What are Genetically Modified Crops?
- Q16) Give the merits and demerits of fish culture.
- Q17) Name two types of animal feed and write their functions.
- Q18) Discuss the role of water in crop production.