

**CHAPTER: 14**  
**IMPROVEMENT IN FOOD RESOURCES**  
**WORKSHEET**

**VERY SHORT ANSWER TYPE [1 MARK]**

1. How do plants get nutrients?
2. What are the desirable agronomic characteristics for crop improvement?
3. Why should preventive measures and biological control methods be preferred for protecting crops?
4. What factors are responsible for losses of gains during storage?
5. Mention to advantages of animal husbandry?
6. What are Kharif and Rabi crops?
7. State one importance of photoperiod in agriculture.
8. What is vermicompost?
9. Define the following terms:  
a) Green manure                      b) bio-fertilizers
10. What is crop rotation?

**SHORT ANSWER TYPE [2 MARKS]**

11. List two desirable traits for fodder crops.
12. What is the advantage of green manure?
13. Why there is a need for varietal improvement?
14. Define Hybridization.
15. Define green revolution and white revolution.
16. What is animal husbandry? Differentiate between Milch and draught animals.

**SHORT ANSWER TYPE [3 MARKS]**

17. Define crop rotation. While choosing plants for crop rotation, what factors should be kept in mind?
18. List any three managing practices while designing a shelter for cattle.
19. State two advantages of composite fish culture. What is the application of hormonal stimulation in fish culture.
20. What is animal husbandry? Differentiate between Milch and draught animals.
21. Distinguish between apiculture and aquaculture.
22. How does the deficiency of nutrients affect the growth of plants?
23. Why should weeds be constantly removed from cultivated fields?
24. Define manures. What are its different kinds?

## LONG ANSWER TYPE [5 MARKS]

25. a) State the two types of food requirements of dairy animals.  
b) List the two types of food requirements of dairy animals.  
c) Why do cattle need a balanced diet?
26. a) How many nutrients are essential for plants?  
b) What are macronutrients and micro nutrients?  
c) List the nutrients supplied by air, water and soil.
27. a) State two differences between egg layers and broilers.  
b) How can poultry fowl be prevented from various diseases? State any three methods.
28. What are manures? State two kinds of manures. How does manure affect the soil fertility?
29. a) A farmer wants to harvest more than two varieties of crop at a time from his field. Suggest him one method to get the desired result. Also state three advantages of this cropping pattern.  
b) Name two fodder crops.
30. a) How do the following factors improve the crop yield?  
i) shorten maturity duration  
ii) biotic and abiotic resistance  
iii) wider adaptability  
b) state any two methods of improving crop variety.
31. Unpredictable monsoons/droughts/low rainfall affecting the Indian Agriculture.  
a) Mention any two initiatives that have been adopted to increase the availability of water for agricultural purposes.  
b) State any two advantages of making check dams.  
c) Briefly describe canal and river lift systems of irrigation.

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