

# ACHIEVERS FOUNDATION

Max Marks : 40

## Biology 9<sup>th</sup> : Improvement in food resources

1. Who is father of green revolution? [1]
2. What do you mean by vermicompost? [1]
3. Name two plants which are used as biopesticide in organic farming. [1]
4. Name a chemical Weedicide. [1]
5. Name the two vitamins which are added in the poultry feed. [1]
6. Give one example of Indigenous variety and foreign variety of bees. [1]
7. Give one example of Indigenous variety and foreign variety of Cows. [1]
8. State two advantages of fertilizers over manure. [2]
9. List any two advantages of intercropping over mixed cropping. [2]
10. What are the weeds? How do they harm crop plants? [2]
11. Differentiate between layers and broilers. What type of food should be given to broilers? [2]
12. Discuss the role of hybridization in crop improvement. [2]
13. Name any two methods of irrigation and briefly describe them. [2]
14. What preventive and control measures should be taken before the storage of grains? [2]
15. Why is excess use of fertilizers detrimental for the environment? [2]
16. Define manures. What are its different kinds? [3]
17. Suppose you are in charge of a grain store. How will you find out the presence of pests? Mention any two indicators. Which method is most effective for destroying insects in stored food grains, spraying or fumigation? [3]
18. Differentiate between: [ 1 Mark each]
  - a) Inland fishery and marine fishery
  - b) Apiculture and Pisciculture
  - c) Capture fishery Culture fishery
  - d) Rabi and kharif crops
  - e) macronutrients and micronutrients.
19. Give one word for the following: [ 1 Mark each]
  - (a) Farming without the use of chemicals as fertilizers, herbicides and pesticides is known as .....
  - (b) Growing of wheat and groundnut on the same field is called as .....
  - (c) Planting soybean and maize in alternate rows in the same field is called as .....
  - (d) Growing different crops on a piece of land in pre-planned succession is known as .....
  - (e) Xanthium and Parthenium are commonly known as .....
  - (f) The causal organism of any disease is called as .....