

**Class -IX- Test**  
**IMPROVEMENT IN FOOD RESOURCES**

**M.M-30**

**TIME-1.5 HR**

**SECTION A**

Multiple Choice Questions

[1X 10=10]

**1. Which one of the following is not a source of carbohydrate?**

- (a) Rice
- (b) Millets
- (c) Sorghum
- (d) Gram

**2. \_\_\_\_\_ is the race of a species which is superior to all other existing varieties in one or more traits.**

- (a) Improved variety
- (b) Variety
- (c) Character
- (d) Genes

**3. The aim of plant breeding is:**

- (a) Early maturing varieties
- (b) Disease free varieties
- (c) High yielding varieties
- (d) All of the above

**4. Which of the following led to the Green Revolution in India?**

- (a) Increase in area under cultivation
- (b) For excess use of pesticides
- (c) For proper use of water
- (d) For the introduction of high-yielding variety of crops

**5. Growing different crops in the same field in a pre-planned succession, to improve the quality and quantity of the crop yield and maintain the fertility of soil is known as:**

- (a) Crop rotation



- (b) Plant breeding
- (c) Intercropping
- (d) Crop management

**6. For the good quality and quantity of yield in dairy and poultry farming, which of the following management practices should be followed?**

**(i) Prevention and control of the diseases and pests**

**(ii) Preventing the entrance of sunlight into the cattle farms**

**(iii) Maintenance of proper temperature**

(iv) Proper housing facilities having hygienic conditions

- (a) (i), (ii), (iii)
- (b) (i), (ii), and (iii)
- (c) (i), (iii), and (iv)
- (d) (i), (iii), and (iv)

**7. Which one of the following nutrients is not available in fertilizers?**

- (a) Nitrogen
- (b) Phosphorus
- (c) Iron
- (d) Potassium

**8. Which of the following is not right about check-dams?**

- (a) It is a rainwater harvesting method.
- (b) It increases the ground water levels.
- (c) It reduces soil erosion.
- (d) All of the above

**9. Minimal or no use of chemicals as fertilizers and herbicides occur in:**

- (a) Terrace farming
- (b) Organic farming
- (c) Green revolution
- (d) Uni farming

**10. The most suitable crop for green manuring is:**

- (a) Potato
- (b) Sugarcane
- (c) Sun hemp
- (d) Gram



**SECTION – B**

**[2X2= 4]**

11. [i] Name the two factors on which food security depends.  
[ii] Name any two fodder crops.

12. Differentiate bw Rabi & Kharif Crop .

**SECTION-C**

**[ 3X 2= 6]**

- 13.[i] Name the three stages in which farming practices are divided.  
[ii]What are the ways of obtaining improved varieties of crops ? explain any 1 of them.

- 14.[i] Differentiate bw Compost & Green Manure .  
[ii] What happens on long & continuous use of chemical fertilizers on crop production & environment. Discuss briefly.

**SECTION-D**

**[5X1= 5]**

15. [i] Discuss different cropping patterns in details with examples. [3]  
[ii] What are weeds ? How weeds are harmful to main plants ? [2]

**CASE STUDY**

**[1X5= 5]**

16. In drought-prone regions, farmers installed tube wells and drip irrigation systems to provide water directly to crop roots, saving water and improving yield.

Questions:

**1.Irrigation is important because:**

- (a) water is essential for photosynthesis (b) helps nutrient absorption (c) prevents wilting (d) all



**2.Drip irrigation is best for:**

(a) paddy (b) wheat (c) fruit crops (d) none

**3.Source of irrigation in villages = ?**

(a) wells (b) tube wells (c) canals (d) all

**4.Waterlogging is caused by:**

(a) excessive irrigation (b) drip irrigation (c) sprinkler irrigation (d) none

**5.Best method to save water = ?**

(a) flood irrigation (b) drip irrigation (c) canal irrigation (d) none

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