

## **CBSE Class 9 Science**

### **Chapter 15 - Improvement in Food Resources**

#### **Extra Questions and Answers**

**1. What does the following terms signify?**

**(a) Green revolution**

**(b) White revolution**

**Answer:**

(a) Green revolution: A large increase in crop production by the use of artificial fertilizers, pesticides, and high-yield crop varieties is referred to as green revolution.

(b) White revolution: White Revolution the dairy development movement which has led to better and more efficient use as well as availability of milk.

**2. Mention the major groups of activities for improving crop yields?**

**Answer:**

The major groups of activities for improving crop yields can be classified as:

(i) Crop variety improvement

(ii) Crop production improvement

(iii) Crop protection management.

**3. What do we get from the vegetables, spices and fruits?**

**Answer:**

Vegetables, spices and fruits provide a range of vitamins and minerals in addition to small amounts of proteins, carbohydrates and fats.

**4. Name various factors for which the crop variety improvement is done.**

**Answer:**

Various factors for which the crop variety improvement is done are:

(i) Higher yield

(ii) Improved quality

- (iii) Biotic and abiotic resistance
- (iv) Change in maturity duration
- (v) Wider adaptability
- (vi) Desirable agronomic characteristics

**5. How are micro-nutrients different from macro-nutrients?**

**Answer:**

The nutrients which are required in large quantities by plants are called macro-nutrients whereas the nutrients which are used by plants in small quantities are called micro-nutrients.

**6. What is inter-cropping?**

**Answer:**

Growing two or more crops in definite row patterns is known as inter-cropping.

**7. Differentiate between capture fishing and culture fishing.**

**Answer:**

Capture fishing is a method of obtaining fishes from natural resources whereas culture fishing is a method of obtaining fishes by fish farming.

**8. Write the type of food requirements of dairy animals.**

**Answer:**

The food requirements of dairy animals are of two types:

- (a) Maintenance requirement, which is the food required to support the animal to live a healthy life.
- (b) Milk producing requirement, which is the type of food required during the lactation period.

**9. Which important features should be considered while designing a shelter for cattle?**

**Answer:**

While designing a shelter for cattle following features must be considered:

- (i) Proper ventilation
- (ii) Protection of animals from rain, heat and cold
- (iii) Sloping floor so as to stay dry and facilitate cleaning

**10. How do the external parasites and internal parasites harm cattle?**

**Answer:**

The external parasites live on the skin and mainly cause skin diseases. The internal parasites like worms, affect stomach and intestine while flukes damage the liver of animals.