

Improvement in Food Resources

Assertion & Reason Type Questions

Directions : Each of the following questions consists of two statements, one is **Assertion (A)** and the other is **Reason (R)**. Select the correct answer to these questions from the codes (a), (b), (c) and (d) as given below:

- a. Both Assertion (A) and Reason (R) are true and Reason (R) is the correct explanation of Assertion (A).
- b. Both Assertion (A) and Reason (R) are true but Reason (R) is not the correct explanation of Assertion (A).
- c. Assertion (A) is true but Reason (R) is false.
- d. Assertion (A) is false but Reason (R) is true.

Q1. Assertion (A): Manure contains large quantities of organic matter and small quantities of nutrients.

Reason (R): Manure helps in avoiding water logging in clayey soil.

Answer : (b) Both Assertion (A) and Reason (R) are true but Reason (R) is not the correct explanation of Assertion (A).

Q2. Assertion (A): Removal of weeds from cultivated fields during the early stages of growth of crops is essential for a good harvest.

Reason (R): Weeds compete for food, space and light and they take up nutrients and reduce the growth of the crop.

Answer : (a) Both Assertion (A) and Reason (R) are true and Reason (R) is the correct explanation of Assertion (A).

Q3. Assertion (A): Cereals such as wheat, rice, maize and millets provide us carbohydrates.

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

Answer : (b) Both Assertion (A) and Reason (R) are true but Reason (R) is not the correct explanation of Assertion (A).



Q4. Assertion (A): Some nutrients are required by plants in large quantities and are called macronutrients whereas some nutrients are required in small quantities and are called micronutrients.

Reason (R): Zinc, boron, iron and chlorine are macronutrients whereas nitrogen, phosphorus, calcium, potassium etc., are micronutrients.

Answer : (c) Assertion (A) is true but Reason (R) is false.

Q5. Assertion (A): In intercropping, two or more crops are grown simultaneously on the same piece of land and there is no definite pattern for sowing the seeds.

Reason (R): Intercropping ensures maximum utilisation of nutrients and prevent spread of diseases and pests.

Answer : (d) Assertion (A) is false but Reason (R) is true.

Q6. Assertion (A): Bee-keeping is the practice of rearing bee to get honey and wax.

Reason (R): Pasturage is the availability of flowers to the bees for nectar and pollen collection.

Answer : (b) Both Assertion (A) and Reason (R) are true but Reason (R) is not the correct explanation of Assertion (A).

Q7. Assertion (A): Milk production in cattle can be raised by increasing the lactation period.

Reason (R): Exotic breeds are selected for short lactation periods.

Answer : (c) Assertion (A) is true but Reason (R) is false.

Q8. Assertion (A): Proper cleaning for cows and buffaloes is required.

Reason (R): Proper cleaning maintains the health of animals and also helps in clean milk production.

Answer : (a) Both Assertion (A) and Reason (R) are true and Reason (R) is the correct explanation of Assertion (A).

Q9. Assertion (A): An egg laying poultry is called layer and the poultry reared for obtaining meat is called broiler.

Reason (R): The housing, nutritional and environmental requirements of broilers are different from those of egg layers.

Answer : (b) Both Assertion (A) and Reason (R) are true but Reason (R) is not the correct explanation of Assertion (A).

Q10. Assertion (A): Fish and few other varieties of aquatic animals are used as food.

Reason (R): Fish and other varieties of sea food constitute good source of protein.

Answer : (a) Both Assertion (A) and Reason (R) are true and Reason (R) is the correct explanation of Assertion (A).

