

CBT SCIENCE CLASS IX (JANUARY)

Q1 Pasturage is related to

- a) Cattle
- b) Fishery
- c) Apiculture
- d) Sericulture

Ans. C) Apiculture

FEEDBACK-Pasturage is referred to as the vegetation of flowers and plants that are available near the bee hives so that the bees can feed on the nectar. Simply, it is the flora from which honey bees collect nectar, pollen, and bee glue.

Q2 Find out the correct sentence about manure

- (i) Manure contains large quantities of organic matter and small quantities of nutrients
- (ii) It increases the water holding capacity of sandy soil
- (iii) It helps in draining out of excess of water from clayey soil
- (iv) Its excessive use pollutes environment.

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

Ans. A) (i) and (ii)

Q3 The way of incorporating desirable characters into crop varieties is by :

- a) Crop rotation
- b) Hybridization
- c) Inter cropping
- d) Multiple cropping

Ans. b) Hybridization

FEEDBACK-Crossing between genetically different organisms to produce desired characteristics in the offspring is known as hybridization.

Following are the major objectives of plant breeding:

To increase the crop yield.

To raise plants with desired characteristics.

To develop a disease-resistant crop.

To develop plants that can tolerate extreme environmental stress

Q4 Which of the following is raised as food for the live-stock ?

- a) Millets
- b) Sorghum
- c) Lentils
- d) Oats

Ans. d) Oats

FEEDBACK-Forage crops, also known as fodder crops, are specifically grown to provide food for livestock. These crops are typically grown for their leaves and stems which are used as animal feed. These crops are grown for their high protein content, digestibility and palatability, which are essential for the health and productivity of livestock. Properly fed animals are less prone to diseases and infections and their milk and meat production can increase significantly. For example oat, berseem and sudan grass.

Q5 A system of farming on a particular farm which includes crop production, raising of livestock etc is known as

- a) Mixed cropping
- b) Mixed farming
- c) Intercropping
- d) Crop rotation

Ans. b) Mixed farming

FEEDBACK-A "mixed farming" system includes agricultural production, livestock, poultry, fisheries, beekeeping, and other activities on a single farm in order to support and meet the farmer's needs in as many ways as possible. The major objective of mixed farming is subsistence. Higher profitability without compromising the ecological balance is crucial for this farming system

Q6 Consider the following steps of preparation of green manure

- (i) Decomposition of green plants in soil
- (ii) Cultivation of green plants
- (iii) Ploughing of green plants mixing them into the soil
- (iv) Green manure ready for use

- a) (i) ->(ii) -> (iii) -> (iv)
- b) (i) -> (iii) -> (iv) -> (ii)
- c) (ii) -> (iii) -> (iv) -> (i)
- d) (ii) -> (iii) -> (i) -> (iv)

Ans. d) (ii) -> (iii) -> (i) -> (iv)

FEEDBACK-A quick growing crop which is cultivated and ploughed under, to incorporate it into the soil for the purpose of improving its physical structure and fertility, is known as green manure, For example, sun hemp and guar

Q7 Find out the wrong statement from the following

- a) White revolution is meant for increase in milk production
- b) Mono culture is fish production by cultivation of single species
- c) both (a) and (b)
- d) None of the above

Ans. d) None of above

FEEDBACK-Operation flood (a project of NDDDB) was the world's biggest dairy development programme that made India a milk-sufficient nation. The fish production by cultivation of single species is known as monoculture.

Q8 The management and production of marine fishes for commercial use is called _____

- a) Pisciculture
- b) Apiculture
- c) Mariculture
- d) Monoculture

Ans. c) Mariculture

FEEDBACK- Mariculture is a specialized branch of aquaculture involving the cultivation of marine organisms for food and other products in the open ocean, an enclosed section of the ocean, or in tanks, ponds or raceways which are filled with seawater. An example of the latter is the farming of marine fish, including finfish and shellfish like prawns, or oysters and seawater in saltwater ponds.

Q9 Assertion : The water available for irrigation can be increased by rainwater harvesting and water shed management.

Reason : Check dams, which leads to an increase in ground water levels, stop the rain water from flowing away.

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

Ans. b) Both A and R are true but R is not the correct explanation of A

Q10 Assertion : Brackish water resources are important fish reservoirs

Reason : Brackish water resources are the resources where sea water and fresh water mix together

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

Ans. b) Both A and R are true but R is not the correct explanation of A