

WORKSHEET 2

CHAPTER 6 – IMPROVEMENT IN FOOD RESOURCES

A. Tick (✓) the correct option.

- Which one of the following fishes is a surface feeder?
(a) Rohu (b) Mrigal (c) Common carps (d) Catla
- Which one of the following nutrient is not available in fertilizers?
(a) Nitrogen (b) Iron (c) Phosphorus (d) Potassium
- Which of the following are Indian cattle?
(i) *Bos indicus* (ii) *Bos domestics*
(iii) *Bos bubalis* (iv) *Bos vulgaria*
(a) (i) and (iii) (b) (i) and (ii)
(c) (i) and (iv) (d) (ii) and (iv)
- The feed of broilers differ from that of egg layers, in having
(a) more carbohydrates and vitamin A.
(b) more proteins and fats.
(c) more carbohydrates and fats.
(d) less proteins and vitamins A and K.
- Which of the following type of irrigation system is used in areas closer to rivers?
(a) Canals (b) River lift
(c) Tanks (d) Dug wells

B. Fill in the blanks.

- _____ are related to the duration of sunlight.
- The compost prepared with the help of earthworm is called _____
- _____ of cattle feed contain high level of protein.
- _____ and _____ are supplied by air to plants.
- Wheat, pea, gram, mustard are _____ crop.

C. State True [T] or False [F].

- White Leghorn is an indigenous breed of poultry bird.
- Sunn hemp is grown as a green manure.
- Manganese is a macronutrient.
- Tallness is desirable trait for cereal crops.
- The quality of honey depends upon pasturage.

Name:

Teacher's signature:

Class: IX

Date:

D. Match the following.

- | | |
|-------------------------|--------------------------|
| 1. Brackish water fish | a. Catla |
| 2. Exotic poultry breed | b. <i>Apis mellifera</i> |
| 3. Fresh water fish | c. Brown Swiss |
| 4. Exotic cattle breed | d. Pearls spot |
| 5. Exotic honey bee | e. White Leghorn |

E. Answer the following questions.

1. Name two shell fish.
2. Explain how genetically modified crop is produced.
3. What is a major problem with composite fish culture? How is this problem overcome?
4. What is farmyard manure? How is it prepared?
5. What are the harmful effect of pesticides and fertilizers over a long period of time on soil?

ANSWERS

WORKSHEET 2

A. Tick (✓) the correct option.

1. d 2. b 3. a 4. b 5. b

B. Fill in the blanks.

1. Photoperiod
2. Vermicompost
3. Concentrate
4. Carbon, oxygen
5. Rabi

C. State True [T] or false [F].

1. F 2. T 3. F 4. F 5. T

D. Match the following.

1. d 2. e. 3. a 4. c 5. b

E. Answer the following questions.

1. Prawns and crab
2. A gene that would provide the desired characteristics is introduced in the plant. The plant in which the foreign gene has been introduced is called genetically modified plant.
3. One problem with composite fish culture is that many of these fish breed only during monsoon. Thus, the fish seed gets mixed with that of other species. So, a major problem is the lack availability of good quality seed. So to overcome this problem, ways have been worked out to breed these fish using hormonal stimulation. This has ensured the supply of pure fish seed in desired quantities.
4. Farmyard manure is the manure obtained from cowdung, litter and left over fodder.
It is prepared by taking the above mentioned waste material and storing then in a pit for decomposition by microbes till they form dark brown morpous substance i.e. the manure.
5. Use of fertilizers and pesticides over long periods of time can destroy the soil structure by killing the soil microbes that recycle soil nutrients. It also kills the earthworms which are instrumental in making humus. Fertility of soil will be lost resulting in barren land.