

# Chapter – 1

## Our Environment

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### Evaluation

#### I. Choose the correct answer:

**Question 1.**

Which of the following produces more milk?

- (a) cow
- (b) yak
- (c) buffalo
- (d) goat

**Answer:**

- (a) cow

**Question 2.**

Poultry farming is rearing and breeding of \_\_\_\_\_.

- (a) chickens
- (b) cows
- (c) avian species
- (d) animal

**Answer:**

- (c) Avian species

**Question 3.**

\_\_\_\_\_ is the best fertilizer.

- (a) Vermicompost
- (b) Fruits
- (c) Synthetic Fertiliser
- (d) Urea

**Answer:**

- (a) Vermicompost

**Question 4.**

\_\_\_\_\_ is more profitable than Agriculture.

- (a) Dairy farm
- (b) Farming
- (c) Cultivation
- (d) Poultry

**Answer:**

- (b) Farming

**Question 5.**

The poultry farm is famous in \_\_\_\_\_ district in Tamil Nadu state.

- (a) Ariyalur
- (b) Salem
- (c) Namakkal
- (d) Thanjavur

**Answer:**

- (c) Namakkal

**II. Fill in the blanks:**

**Question 1.**

There are \_\_\_\_\_ breeds of cattle in India

**Answer:**

26

**Question 2.**

The milk of \_\_\_\_\_ has more nutrients than cow's milk.

**Answer:**

Buffalo

**Question 3.**

\_\_\_\_\_ contains high amount of fiber.

**Answer:**

Roughage

**Question 4.**

Droppings of poultry birds are used as.

**Answer:**

Manure

**Question 5.**

Vermicomposting is a method of transforming \_\_\_\_\_ into a nutrient rich fertilizer.

**Answer:**

Organic waste

**III. Match the following:**

1. Surti	a. Egg
2. White revolution	b. Transportation
3. Layers	c. Leguminous plants
4. Green manure	d. Buffalo
5. Cattle	e. Milk

**Answer:**

1. Surti	a. Buffalo
2. White revolution	b. Milk
3. Layers	c. Egg
4. Green manure	d. Leguminous plants
5. Cattle	e. Transportation

**IV. Say True or False:****Question 1.**

Farming is done on a commercial scale.

**Answer:**

True

**Question 2.**

Vermicompost can be used to clean sewage.

**Answer:**

True

**Question 3.**

Leguminous plants fix nitrogen in the leaves of the plants.

**Answer:**

False

**Correct Statement:**

Leguminous plants fix nitrogen in the roots of the plants.

**Question 4.**

Namakkal district is famous for dairy farms.

**Answer:**

False

**Correct Statement:**

Namakkal district is famous for poultry farms.

**Question 5.**

Murrah is a buffalo breed.

**Answer:**

True

**V. Answer briefly:**

**Question 1.**

What is farming?

**Answer:**

Farming is the activity of growing crops and raising livestock.

**Question 2.**

Mention the types of farming.

**Answer:**

- Large scale farms
- Middle-sized farms
- small-sized farms

**Question 3.**

Write a note on a poultry farm.

**Answer:**

- In poultry farms, avian species are reared and bred for the purpose of egg, meat, or both.
- Fowls, ducks, geese, turkeys, and some varieties of pigeon are the most commonly reared species.
- Proper management of poultry includes methods of hatching, rearing, housing, sanitation, prevention of diseases, and a sound marketing system.

**Question 4.**

What is farmyard manure?

**Answer:**

- A common form of animal manure is farmyard manure.
- It contains the feces and urine of different livestock like horses, cattle, pigs, sheep, chickens, turkey, and rabbits.
- It contains nutrients like nitrogen, phosphorus, and potassium. It increases the capacity of soil to hold more water and nutrients.

**Question 5.**

Define vermicompost.

**Answer:**

- Vermiculture or Vermicomposting is a method of transforming organic wastes such as waste papers, leaves, pieces of wood, etc., into a nutrient rich fertilizer using earthworms.
- It is a healthy and clean way to eliminate wastes going into our landfills.
- It keeps the environment clean.

- Earthworms eat the organic wastes and excrete it in the form of castings. This is known as vermicompost.

## **VI. Answer in detail:**

### **Question 1.**

What are the uses of animal products?

#### **Answer:**

- Milk is used to produce milk products like cheese, butter, curd, etc.
- Cattle dung is used as manure. It is also used as fuel and for the generation of biogas.
- Panchagavya is an ayurvedic medicine used in agriculture to control pests and fungi. It is a mixer of dung and urine of cows, fresh milk, curd, jaggery, and ghee.
- Leather goods are manufactured from cattle hides.

### **Question 2.**

How will you manage a poultry farm?

#### **Answer:**

Poultry birds need a clean environment. The following measures should be taken in order to avoid diseases.

- Poultry houses should be clean and disinfected.
- It should have windows for ventilation.
- Light is essential for high egg production.
- Poultry birds need clean and freshwater.
- Timely vaccination is necessary to prevent diseases.