

SUMMATIVE ASSESSMENT - SCIENCE

TERM 3 - 2024-25

CLASS - 5

Name of the Student :

Time: 2 Hrs

Section :

Marks: 60

5 × 1 = 5

I. Choose the correct answer.

1. Which one of the following is not required to prepare compost?

- a) Cow dung
- ☒ b) Plastic waste
- c) Food waste
- d) Crop residues

Answer: Plastic waste

2. Which of the following are converted to green manure?

- a) Wild indigo
- b) Leaves
- c) Herbs
- ☒ d) All the three

Answer: All the three

3. Which one of the following is found in animal manure?

- ☒ a) Nitrogen
- b) Calcium
- c) Iron
- d) Sulphur

Answer: Nitrogen

4. Which one of the following is not a manure?

- a) Green manure
- b) Animal manure
- ☒ c) Fertilizer
- d) Compost

Answer: fertilizer

5. Which one of the following should we use in order to retain nitrogen in the soil?

- a) Animal manure
- b) Green manure
- c) Compost
- ☒ d) Fertilizer

Answer: fertilizer

II. Fill in the blank.

5 × 1 = 5

1. Sound travels through air.
2. oxygen gas present in the air is important for the respiration of living organisms.
3. Air is essential for sail boat to move in water.
4. Plants use CO₂ gas from the air to prepare food.
5. air is important for the parachute to fly.

III. Match the following.

5 × 1 = 5

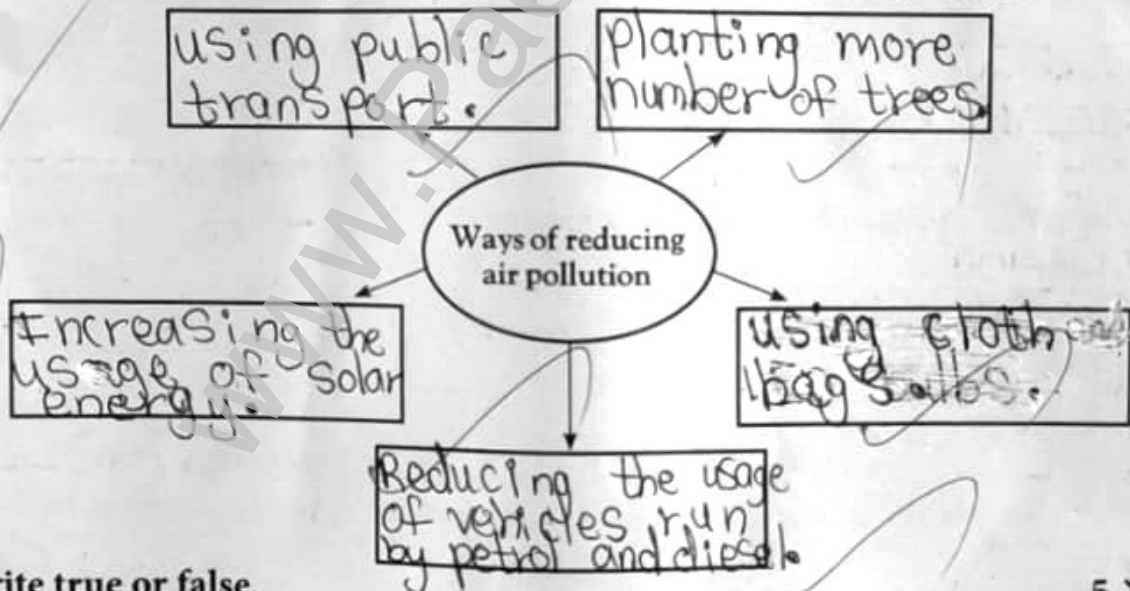
- | | |
|----------------|-----------------------|
| 1. Kangeyam | Milk product 5 |
| 2. Cow dung | Transport 4 |
| 3. Panchakayra | Tamilnadu 1 |
| 4. Cattle | Fuel 2 |
| 5. Butter | Natural insecticide 3 |

IV. Fill in the blank.

(5)

Write down the ways of reducing air pollution in the boxes given below.

(Using public transport, Using cloth bags, Planting more number of trees, Using plastic bottles, Increasing the usage of solar energy, Reducing the usage of vehicles run by petrol and diesel, Using CFL and LED bulbs.



V. Write true or false.

5 × 1 = 5

1. We need to use handkerchief while sneezing. True
2. Bacteria causes influenza. false
3. We need to wash our hands thoroughly before and after eating. True

4. Vaccination does not prevent occurrence of diseases.
5. We need to wear mask in order to protect ourselves from airborne diseases.

false

True

5 × 1 = 5

VI. Answer in one or two words.

1. What is formed when rainwater mixes with the oxides present in air?

Acid rain

2. What protects human beings from the effects of ultraviolet rays?

Ozone layer

3. Which nutrient helps the green algae to grow in waterbodies?

Nitrogen

4. Which gas is responsible for the increase in atmospheric temperature?

Carbon dioxide

5. What causes respiratory diseases?

lungs

VII. Tabulate.

Write the names of the animals found in the following sanctuaries/national parks.

(1) (3) (5) (2) (4)
(spotted deer, Tiger, Spoon bills, Elephant, Dhole)

Name of the sanctuary/national park	Animal found
Guindy	spotted deer
Mudumalai	Elephant
Mundanthurai	Tiger
Anaimalai	Dhole
Vedanthangal	Spoon bills

VIII. Answer briefly.

1. Write the name of any two poultry breeds found in our country. (2)

Chagus
cochin

2. Write any three nutrients found in egg. (3)

Sodium
phosphorus
Calcium

IX. Answer the following.

(5)

1. Where is the headquarters of Blue Cross located?

Oruindy, Chennai

2. Write any three functions of Blue Cross

- * providing shelters.
- * Maintaining hospitals.
- * Mobile dispensary.

X. Classify the following into endangered animals and endangered plants.

(5)

(Lion tailed macaque, Elephant, Nilgiri tahr, Snow leopard, Deer, Glory Lilly, Rafflesia, Jasmine, Rose)

Endangered animals	Endangered plants
Lion tailed macaque, Elephant, Nilgiri tahr, Snow leopard, Deer.	Glory Lilly, Rafflesia, Jasmine, Rose.

XI. Fill in the blanks.

(fertilizes the eggs, gathers honey and cleanses the beehive, lays 2000 eggs in a day, smaller than other bees, bigger than other bees)

(5)

	Queen bee	Drone	Worker bee
Work	lays 2000 eggs in a day.	fertilizes the eggs.	gathers honey and cleanses the beehive.
Size	bigger than other bees.	Smaller than queen bee and bigger than worker bee	Smaller than other bees.

XII. Answer in detail.

(5)

Write the causes of air pollution.

- * respiratory diseases . causes of air pollution.
- * Acid rain causes of air pollution.
- * depletion of ozone layer causes of air pollution.
- * marine life effected causes of air pollution.
- * coughing and sneezing causes of air pollution.