

**ICSE**  
**Class IJ**  
**Science**  
**Sample Paper**

Class : IV

Marks : 80

Section - A [40 marks]

**QUESTION – 1**

**A. Name the following:**

(5X1=5)

1. The digestive juice present in the mouth.
2. The green pigment present in leaves.
3. Instrument used to study different objects.
4. The liquid in which a substance dissolve.
5. Project undertaken by Indian government to save tigers.

**B. Fill in the blanks:**

(5X1=5)

1. The temporary set has \_\_\_\_\_ teeth.
2. Plants get water from \_\_\_\_\_
3. \_\_\_\_\_ have a definite shape and volume.
4. The moon reflect the light of the \_\_\_\_\_
5. Melting of glaciers is due to \_\_\_\_\_

**C. Write true or false. Rewrite the false statement by changing the first and last word:**

(5X1=5)

1. Taste buds in the cheeks help us to taste food.
2. Plants can produce food without sunlight.
3. The earth takes 250 days to complete one revolution around the sun.
4. The molecules are less closely packed in liquids?
5. World environment day is celebrated on 1<sup>st</sup> of December.

**D. Give one example:**

(5X 1/2 = 2 1/2 )

1. Carnivorous plants.
2. Indian satellite.
3. Gas.
4. Chemical change.
5. Green house gas.

**E. Explain the terms:**

(5X 1/2 = 2 1/2 )

1. Oesophagus.
2. Stomata.
3. Digestion.
4. Orbit.
5. Molecules.

**F. Differentiate:**

**(5X2=10)**

1. Permanent teeth and temporary teeth.
2. Rotation and revolution.
3. Parasitic plants and saprophytic plants.
4. Melting and freezing.
5. Hydroelectric energy and wind energy.

**G. Give scientific reasons for the following statements:**

**(5X2=10)**

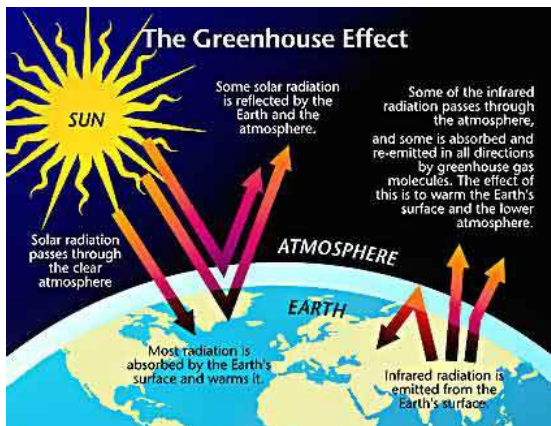
1. Why should we clean our teeth after each meal?
2. Why are days and nights are equal at the equator?
3. Why does the volume of water not increase when sugar is added to it?
4. Why is it important for us to conserve soil?
5. Why we have to grow more plants?

**Section – B [40 marks]**

**QUESTION – 2**

**(10 marks)**

**A. Observe the given diagram of global warming and answer the questions:**



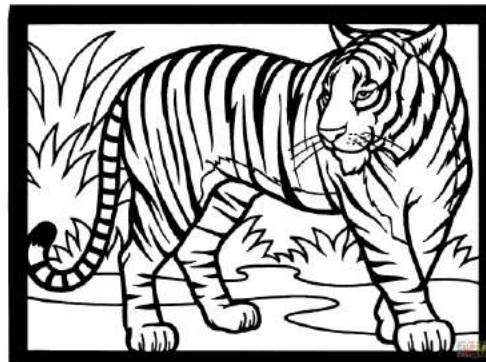
1. What do you mean by global warming?
2. Write the names of green house gases?
3. Write two slogans on environmental awareness?
4. How you can control green house gases?

**B. Complete the series.**

1. Desert plant: \_\_\_\_\_ ; Mountain plant: cone shaped leaves.
2. Floating plant :pistia ; fixed plant: \_\_\_\_\_
3. Windmill: wind energy ;fan : \_\_\_\_\_
4. Acid rain : air pollution ; chemical fertilizers : \_\_\_\_\_

**Question – 3 [10 marks]**

**A. Observe the diagram of conservation of wildlife and answer the questions: (10 marks)**



1. What do you mean by project tiger?
2. When is world environment day is celebrated?
3. What are wildlife sanctuaries?
4. See the map and write the names of tiger reserve in Karnataka?

**B. Draw a neat diagram of human digestive system and label the parts.**

**Question – 4**

**(10 marks)**

**A. Observe the diagram and answer the following questions.**



1. Name the process shown in the diagram?
2. Label 1, 2, 3 and 4.
3. What are essential components necessary for the process of photo synthesis?
4. How does the leaf make food?
5. Write the names of the various parts of the leaf.

**B. write about say no to polythene bags campaign.**

**Question – 5**

**(10 marks)**

**Answer the following:**

1. What materials do the plants use for preparing their food?
2. Name the four types of teeth along with their functions.
3. How can you define volume and density of a substance?
4. What are the harmful effects of cutting down trees ?
5. Name few machines used in your home, which make work easier for you

