

**INTERNATIONAL INDIAN SCHOOL DAMMAM**  
**SUMMATIVE ASSESSMENT – 1 JUNE 2013**  
**ENVIRONMENTAL STUDIES CLASS – IV**

Name : \_\_\_\_\_

Time : 2 Hours

Roll No. : \_\_\_\_\_

Marks : Orals : \_\_\_\_\_ / 10

Section : \_\_\_\_\_

Written : \_\_\_\_\_ / 50

Total : \_\_\_\_\_ / 60

**Note : Part A & B to be done in the question paper.**

**Part C to be done in the answer sheet.**

**PART A**

**I. Choose the correct answer :**

(  $\frac{1}{2} \times 8 = 4$  )

1. The energy that comes from the splitting of an atom
  - a) Atomic energy
  - b) Solar energy
  - c) Magnetic energy
2. Milk teeth begin to fall at the age of
  - a) 2
  - b) 6
  - c) 11
3. The female part of a flower
  - a) Calyx
  - b) corolla
  - c) carpel
4. Tooth decay causes
  - a) Hunger
  - b) Bad breath
  - c) Itching
5. Gravity is a type of
  - a) Force
  - b) Work
  - c) Energy
6. People who rear bees
  - a) Apiarist
  - b) Florist
  - c) Dentist



b) Which of these has a taproot?

a) Grass                      b) Wheat                      c) Mustard

c) The number of cracking teeth in each jaw

a) Four                      b) Six                      c) Eight

**II. Fill in the blanks :**

(  $\frac{1}{2} \times 8 = 4$  )

1. Human beings have \_\_\_\_\_ sets of teeth.
2. The banyan tree has \_\_\_\_\_ roots to provide additional support.
3. Tooth decay is caused by \_\_\_\_\_.
4. The taste identified by back portion of tongue is \_\_\_\_\_.
5. When ripe, the \_\_\_\_\_ has a sticky surface.
6. In an iron, electrical energy is converted into \_\_\_\_\_ energy.
7. In a village, \_\_\_\_\_ looks after the plants.
8. The part of the tooth which is not visible to us is \_\_\_\_\_.

**III. Write True or False :**

(  $\frac{1}{2} \times 6 = 3$  )

1. Deforestation leads to soil erosion.
2. Canines are a set of eight teeth.
3. Work is done when you push a mountain.
4. The shoot absorbs water and minerals from soil.
5. Machines make the work easier.
6. We should brush our teeth twice a day.

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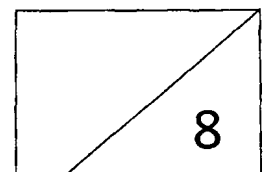
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IV. Name the following :

3)

1. The brightly coloured ring of a flower.

\_\_\_\_\_

2. The disease that attacks teeth.

\_\_\_\_\_

3. The best soil for growing plants.

\_\_\_\_\_

4. A force that stops moving objects.

\_\_\_\_\_

5. Planting trees on a large scale.

\_\_\_\_\_

6. Plants use this energy to prepare food.

\_\_\_\_\_

V. Match the following :

(  $\frac{1}{2} \times 6 = 3$  )

1.	Calyx	Sour	
2.	Tongue	Energy	
3.	Coal	Push	
4.	Root	Eggs	
5.	Ovary	Sepals	
6.	Force	Minerals	

VI. Solve the puzzle :

(  $\frac{1}{2} \times 8 = 4$  )

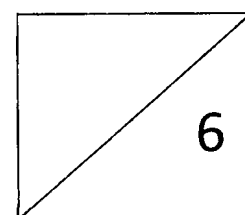
ACROSS

1. We need these teeth to bite food.

2. Sweet tasting liquid produced in flowers.

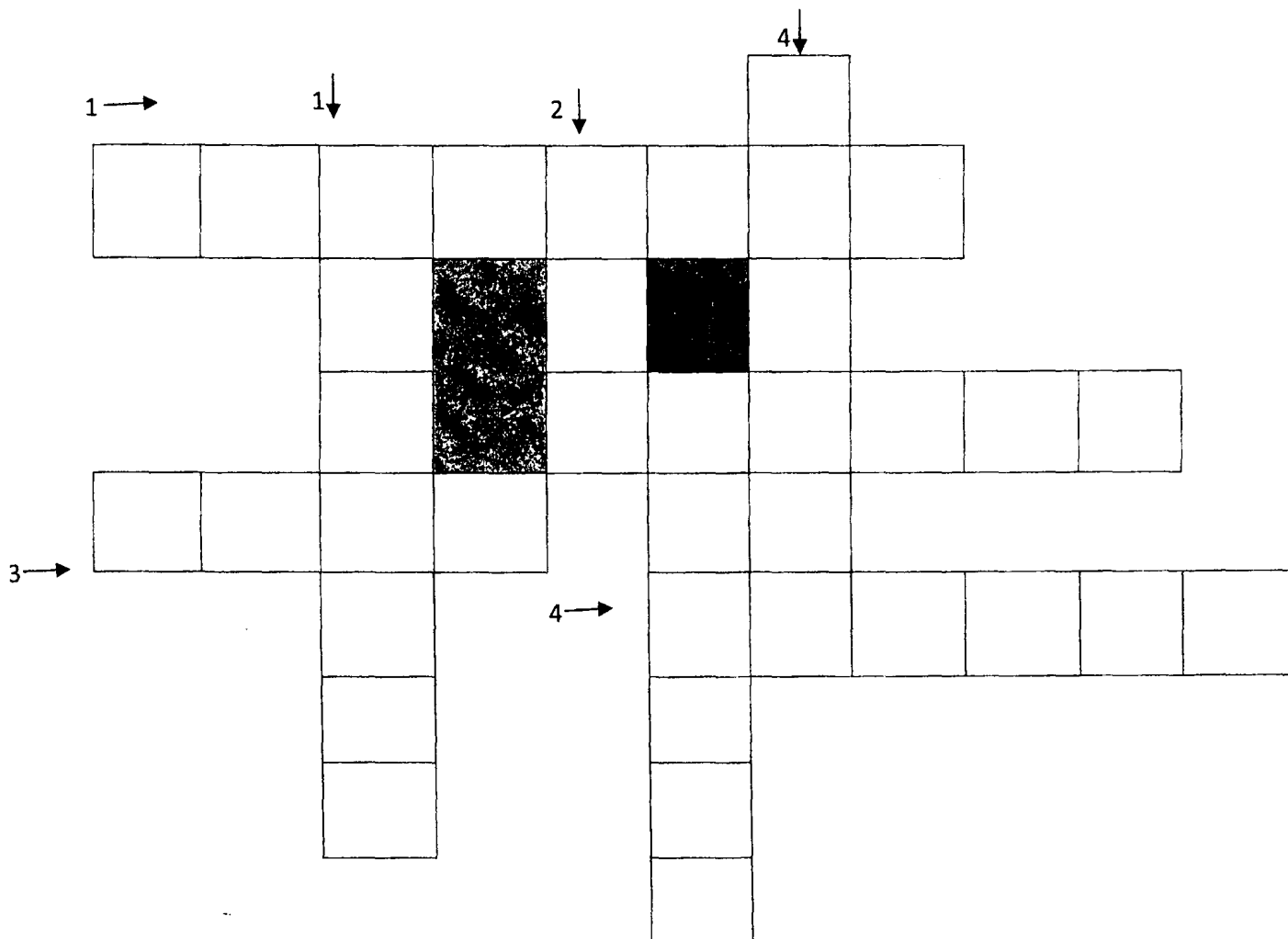
3. Flower producing scent.

4. The hardest substance in the body.



**DOWN**

1. People eat this during the time of famine.
2. The never ending source of energy.
3. Capacity to do work.
4. Use this to make crooked teeth straight.

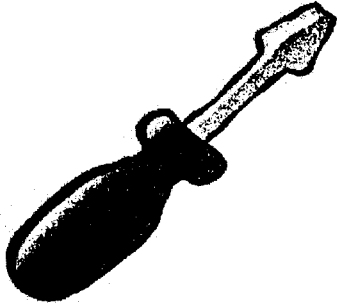


PART B

I. Identify the following:

( 1/2 x

a) A simple machine



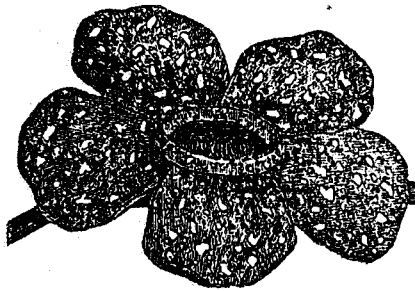
\_\_\_\_\_

b) Crushing teeth



\_\_\_\_\_

c) The largest flower



\_\_\_\_\_

d) Used as a dye



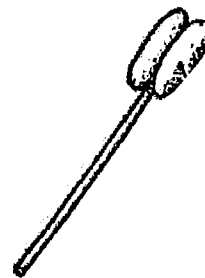
\_\_\_\_\_

e) Electrical energy is converted into sound energy

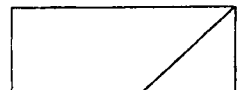
f) Male reproductive organ of a flower



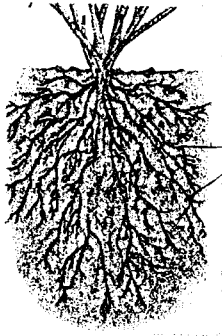
\_\_\_\_\_



\_\_\_\_\_



g) A bunch of thin roots.



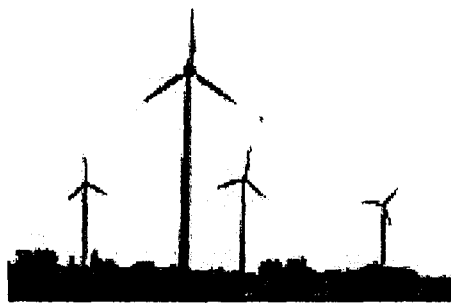
h)



Use \_\_\_\_\_ energy to play.

**I. Write down the source of energy**

a)

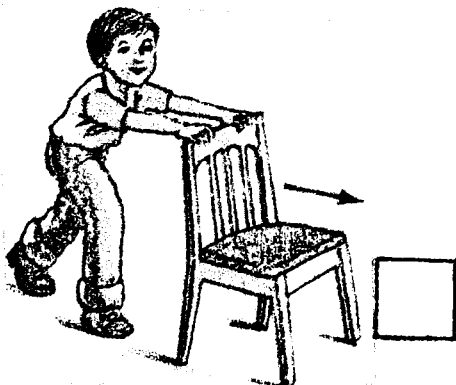


b)

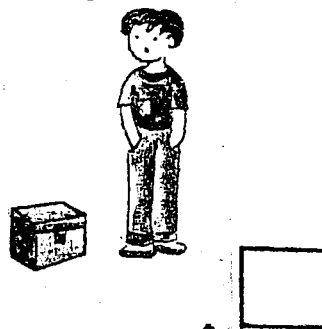


**II. Tick the picture where work is done.**

a)



b)



c)



## PART C

### **I. Answer the following in one or two sentences.**

( 1 x

1. What is pedicel?
2. Define machine.
3. Name the different types of teeth found in human beings.
4. Define soil erosion.
5. What do you mean by gravitational force ?
6. What is the dental pulp made of ?

### **II. Give reasons for the following.**

( 2 x 3 = 6 )

1. You must rinse your mouth well after meals. Why ?
2. When we switch on an electric bulb it gets lighted. Why ?
3. Petals are brightly coloured. Why ?

### **III. Answer ANY FOUR of the following.**

( 2 x 4 = 8 )

1. How is heat useful to us ?
2. What are pollinators ? Give two examples.
3. How do roots help a plant ?
4. What is work ? Give an example.
5. How are teeth important to us?

### **IV. Answer ANY ONE of the following**

( 3 x 1 = 3 )

1. Explain the centre of a flower with a diagram.
2. I have a crown, I am not a king.

I have a neck, I am not an animal.

I have a root, I am not a plant.

Who am I ? Draw me , label and explain my parts.

