



Annual Examinations

50

[Time : 2 1/2 Hours]

Class : IV Vikram Lotus Science

[Max. Marks : 50]

Name :

Class :

Section :

Roll No :

Syllabus : Lotus Term Book : Term -3

Summative Assessment

A. Short Answer Type Questions.

(7 x 2 = 14)

1. What are the elements that determine the weather ?
2. Define water table.
3. What is matter ?
4. Define energy. Name some sources of energy.
5. Explain rotation.
6. What is air pollution ?
7. How is work defined in the words of science ?

B. Very Short Answer Type Questions.

(5 x 1 = 5)

1. An example of a gas dissolved in a liquid : _____
2. Things that occupy space and have weight : _____
3. The ability to do work : _____
4. The force that resists the motion of objects : _____
5. The main sources of all energy: _____

Formative Assessment

C. Tick (✓) the right and cross (✗) the wrong statements.

(8 x 1 = 8)

1. To draw water from the well, a pulley is used. ()
2. Our earth is exactly spherical. ()
3. Paper and medicines are obtained from trees. ()
4. Water has three different forms - liquid, gas and solid. ()
5. The hemisphere facing the sun gets direct rays from the sun. ()
6. We should buy things with lots of packaging materials. ()

7. Liquid gets changed into gas by melting. ()
8. The rotation of earth causes changes in weather. ()

D. Tick (✓) the correct answers.

(8 x 1 = 8)

1. Which one of the following is the hottest part of the day ?
- (i) Morning () (ii) Noon ()
- (iii) Evening () (iv) Night ()
2. What are the sources of energy ?
- (i) water () (ii) Sun and wind ()
- (iii) All of these ()
3. In order to avoid air pollution, we should
- (i) produce lots of vehicles () (ii) buy many vehicles ()
- (iii) plant lots of trees () (iv) none of these ()
4. What are the three states of matter ?
- (i) Liquid () (ii) Gas ()
- (iii) Solid () (iv) All of these ()
5. Solution of water and milk is a
- (i) Solid-liquid solution () (ii) Liquid-liquid solution ()
- (iii) Liquid - gas () (iv) None of these ()
6. We use fresh water for _____
- (i) Drinking () (ii) Farming ()
- (iii) Washing () (iv) All of these ()
7. What cause (s) the change of the seasons ?
- (i) Revolution of the earth () (ii) Rotation of the moon ()
- (iii) Both of these () (iv) None of these ()
8. Which one from the following is an incorrect statement ?
- (i) The earth is main source of energy. ()
- (ii) The moon is main source of energy. ()
- (iii) The main source of energy is sun. ()

E. Fill in the blanks with the help of words given in the brackets.

(10 x 1 = 10)

(Land breeze, dew point, matter, Atoms, wedge, force, rotation, sun, deforestation, garbage)

1. Increasing population also causes _____
2. Who should not throw our _____ into water bodies.
3. We can move an object by applying _____
4. Axe is an example of _____
5. Matter is made up of small partials called _____
6. Wind blowing from land towards sea is called _____
7. The temperature at which condensation start is called _____
8. Our body is made up of _____
9. The earth's _____ causes day and night.
10. One pole remains tilted towards the _____

F. Match the following columns

(5x 1 = 5)

A		B
1. The hard outer layer	()	(a) mantle
2. The central region between core and crust	()	(b) rotation
3. The innermost part of the earth	()	(c) revolution
4. The movement of the earth on its axis	()	(d) crust
5. The movement of the earth around the sun	()	e) core



