

INTERNATIONAL INDIAN SCHOOL, DAMMAM

UPPER PRIMARY SECTION

SUMMATIVE ASSESSMENT – 2 (MARCH – 2014)

CLASS: IV

TIME: 2 hours

SUBJECT: EVS

MARKS: ORALS = /10

Name: _____ Sec: _____ Roll No: _____ WRITTEN = /50

Instructions: TOTAL = /60

- 1. Part A to be done in the Question Paper.**
- 2. Part B to be done in the Answer Sheet.**
- 3. Read the questions carefully and attempt all.**
- 4. Read your paper thoroughly before submission.**

Part -A

Q.I Fill in the blanks:

(½ X 10 = 5 marks)

- 1) All matter is made up of very tiny particles called _____.
- 2) The moon completes one revolution around the earth in _____ days.
- 3) A uniform mixture of a solute and solvent is called a _____.
- 4) The _____ of the earth on its axis causes day and night.
- 5) The soil deposited by the rivers is called _____.
- 6) The wearing out and carrying away of the topsoil by natural forces is called _____.
- 7) The earth spins like a top from _____ to _____.
- 8) Among the three layers of soil, the _____ is best for plants.
- 9) Burning of wood is a _____ change.
- 10) The _____ is the star nearest to the earth.

Q.II Choose the correct answers:

(½ X 6 = 3 marks)

- 1) The Earth is divided into two equal halves by an imaginary line called _____.
a) Tropic of Cancer b) Equator c) Tropic of Capricorn
- 2) The _____ change is a temporary change.
a) physical b) chemical c) mechanical
- 3) The _____ is mainly made up porous and non-porous rocks.
a) topsoil b) subsoil c) bedrock
- 4) A liquid in which a solid dissolves is called _____.
a) solvent b) solute c) solution
- 5) The movement of the earth round the sun in its orbit is called _____.
a) rotation b) revolution c) communication
- 6) The protection of soil from washing away by eroding agents is called _____.
a) soil erosion b) soil conservation c) soil profile

Q.III Write 'True' or 'False':

(½ X 8 = 4 marks)

- 1) Changing of milk into curd is a physical change. (_____)
- 2) The axis of the earth is tilted. (_____)
- 3) Water can pass through non-porous rocks. (_____)
- 4) Ammonia cannot be dissolved in water. (_____)
- 5) Humus makes the soil fertile and good for growing crops. (_____)
- 6) An imaginary line that lies between the North Pole and the Equator is called Tropic of Cancer.
(_____)
- 7) Liquids change their shape easily. (_____)
- 8) The mantle of the Earth is made up of mostly nickel and iron. (_____)

Q.IV Match the following :

(½ X 6 = 3 marks)

- | | | |
|--|------------------------|-----|
| 1) Space between the molecules | Venus | () |
| 2) Burrowing animals | communications | () |
| 3) Artificial satellites | bind the soil | () |
| 4) The roots of the plants | intermolecular space | () |
| 5) It does not have moons | potassium permanganate | () |
| 6) When it is dissolved in water, it gives a pink solution | enrich the soil | () |

Q.V Name the following:

(½ X 6 = 3 marks)

- 1) I am a planet closest to the sun .I am the smallest planet. Who am I?

I am _____.

- 2) I was a planet. Now I am disqualified as I take more than two centuries to revolve around the sun.

Who am I?

I am _____.

- 3) I am made up of three main layers. They are the outer crust, mantle and core. What am I?

I am the _____.

- 4) I am built on the banks of rivers to reduce the force of running water. This way I help the topsoil from being washed away. What am I?

I am a _____.

- 5) I am the first artificial satellite. I was launched by the Russians on 4 October 1957. Who am I?

I am _____.

- 6) I am dissolved in pond, river and stream water. I am used by aquatic plants and animals for breathing. Who am I?

I am _____.

Q.VI Encircle the correct answers in the grid:

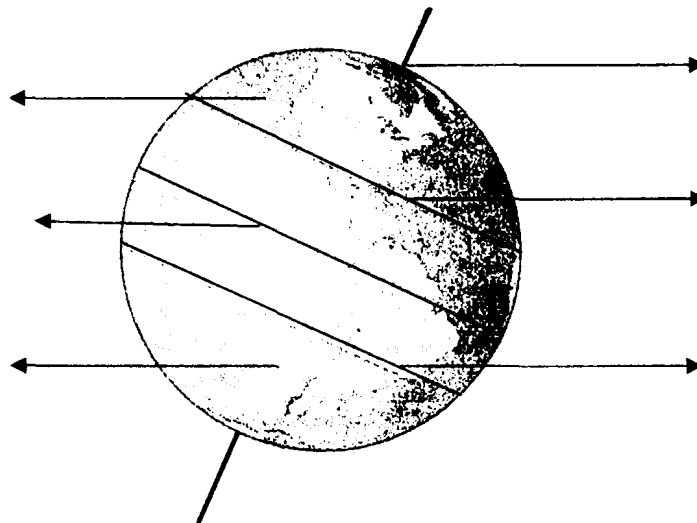
(½ X 6 = 3 marks)

- 1) The hot molten rock in volcano
- 2) The biggest planet.
- 3) Solid state of water.
- 4) The body wastes of this animal enrich the soil.
- 5) The astronomers study stars with the help of this instrument.
- 6) A satellite launched by India.

S	E	A	R	T	H	W	O	R	M
T	E	L	E	S	C	O	P	E	L
E	H	A	U	A	S	G	A	M	G
L	M	V	H	R	O	H	I	N	I
N	Q	A	W	D	L	M	I	U	F
P	O	J	U	P	I	T	E	R	U
Q	N	S	B	Y	D	I	C	E	C

Q.VII Label the following imaginary lines on the earth:

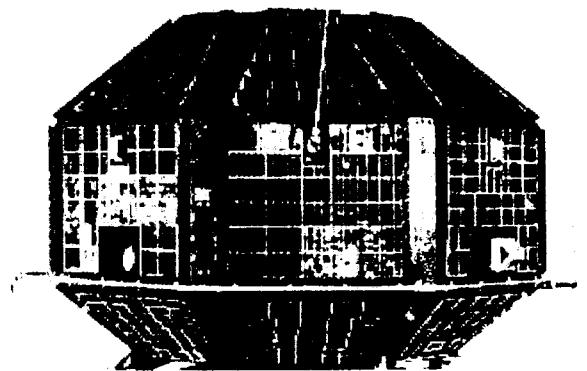
(½ X 6 = 3 mark)





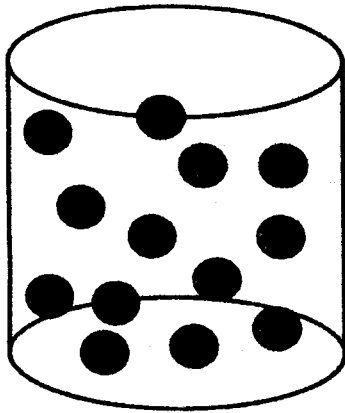
This is _____ .

This method is employed in _____
areas for the conservation of soil.



This is _____ .

This was the first satellite launched
by _____ .



These are the molecules of _____

There is more _____
between their molecules.



This is the soil erosion by _____ .

Being lighter and softer, the _____
is worst affected by soil erosion.

PART -B**(To be done in answer sheet)****Q.I Define the following terms:****(1 X 5 = 5 marks)**

- 1) Satellites
- 2) Subsoil
- 3) Matter
- 4) Solar system
- 5) Liquid

Q.II Answer the following: (Any 4)**(2 X 4 = 8 marks)**

- 1) How can we conserve soil by plantation method?
- 2) Why does a bottle of soda-water bubble out when it is opened?
- 3) Why do the planets not collide with each other while moving around the sun?
- 4) What is the equator? Explain.
- 5) What are the methods employed to prevent soil erosion?

Q.III Differentiate between the following: (Any 2)**(3 X 2 = 6 marks)**

- 1) Rotation and Revolution
- 2) Physical change and Chemical change
- 3) Solid and Gas

Q.IV Draw, colour and label the three layers of the soil.**(3 marks)**