

Name :

Class :

Section :

Roll No.

Summative Assessment

I. Answer the following questions.

(10 x 3 = 30)

1. What causes day and night ?
2. What is meant by condensation ?
3. Name the different layers of the soil.
4. What is meant by soil erosion ?
5. What is soil made up of ?
6. What is energy ?
7. Write two uses of artificial satellites.
8. What are planets ?
9. What is loamy soil ?
10. How is snow formed ?

II. Answer any ONE of the following questions.

(1 x 8 = 8)

1. Mention the factors that influence the weather.
2. Name the planets in the solar system.

III. Answer any ONE of the following questions.

(1 x 8 = 8)

1. What is meant by potential energy ? Given an example.
2. What are the factors that affect the evaporation of water ?

IV. Answer any ONE of the following questions.

(1 x 8 = 8)

1. What are the different forms of energy ?
2. How can we prevent Soil Erosion ?

V. Answer any ONE of the following questions.

(1 x 6 = 6)

1. How do the changes in the weather affect us ?
2. How many constellations are there in the whole sky ?

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Formative Assessment

I. Choose the correct answer.

(10 x 1 = 10)

1. The earth receives more heat from the sun ()
a) in the morning b) in the midday c) in the night
2. Some animals in polar region go into deep sleep. It is called ()
a) hibernation b) evaporation c) condensation
3. Remains of dead animals and plants decay and mix with soil. They form ()
a) humus b) gravel c) clay
4. The ability or capacity to do work is called ()
a) energy b) force c) electricity
5. The _____ is the ultimate source of energy. ()
a) sun b) earth c) moon
6. _____ are walls of rock and stone on the banks of rivers. ()
a) Dams b) Embankments c) Houses
7. _____ is the largest planet. ()
a) Mars b) Neptune c) Jupiter
8. The number of days taken by the moon on orbit the earth is ()
a) seven days b) seventeen days c) twenty seven days
9. The motor converts the electrical energy into ()
a) magnetic energy b) light energy c) mechanical energy
10. The Sputnik – 1 was launched by ()
a) The Americans b) The Indians c) The Russians

II. Fill in the blanks.

(10 x 1 = 10)

1. When air is heated it expands and becomes
2. Evaporation is faster on day.
3. kind of soil is useful for laying roads.

4. If force is applied with no movement of the object the work done is
5. The atomic energy is used to produce
6. A compressed spring is an example of energy.
7. The first man who landed on the moon was
8. is the coldest planet.
9. When it rains we wear
10. The Earth's natural satellite is

III. Write "True" or "False". (10 x 1 = 10)

1. Fog is formed high above the ground. ()
2. Condensation is a reverse process of evaporation. ()
3. The layer below the topsoil is called subsoil. ()
4. Clay does not retain water. ()
5. Flowing water has potential energy. ()
6. Low rain fall results in drought. ()
7. Atomic energy is the ultimate source of energy. ()
8. The moon is the nearest planet to the sun. ()
9. When it is cold, water evaporates quickly. ()
10. Jupiter is a star. ()

IV. Match the following. (5 x 1 = 5)

Group - A

- | | | |
|-----------|---------|------------------------------|
| 1. Pluto | () | a) red coloured planet |
| 2. Star | () | b) a constellation |
| 3. Cancer | () | c) smallest planet |
| 4. Saturn | () | d) hot glowing ball of gases |
| 5. Mars | () | e) surrounded by rings |

Group - B

(5 x 1 = 5)

- | | | |
|-------------|---------|--|
| 1. Sun | () | a) ability to do work |
| 2. Energy | () | b) converts electrical energy into sound energy |
| 3. Motor | () | c) ultimate source of energy |
| 4. Windmill | () | d) converts electrical energy into mechanical energy |
| 5. Radio | () | e) converts wind energy into electrical energy |

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