



# St. Xavier's Sr. Sec. School

Delhi-54

Class : 5  
Date: 29.02.2016

SUMMATIVE ASSESSMENT 2  
SCIENCE

Marks: 60  
1½ hours

Name: \_\_\_\_\_ Class & Sec. \_\_\_\_\_ R. No. \_\_\_\_\_

Note: All the answers should be done on the question paper itself.

**I. Tick (✓) the correct answer :** (1x10=10)

- \_\_\_\_\_ is not a type of force
  - Elastic
  - Muscular
  - Solar
  - Magnetic
- Which of the following causes soil erosion?
  - overgrazing
  - Water
  - wind
  - All of these
- The moon is about \_\_\_\_\_ million years old
  - 4500
  - 200
  - 1000
  - 50
- Lunar eclipse occurs when-
  - the sun comes between the moon and the earth
  - The earth comes between the sun and the moon
  - The moon comes between the sun and the earth
  - none of these
- Which part of the brain works even when we are asleep?
  - Cerebellum
  - Cerebrum
  - Both a and b
  - Medulla
- A force can bring about these changes
  - Move a stationary object
  - Change the shape of an object
  - Change the direction of an object
  - All of these
- The sun gives out \_\_\_\_\_ energy.
  - heat
  - Light
  - Both a and b
  - None of these
- \_\_\_\_\_ was the first person to land on the moon.
  - Yuri Gagarin
  - Neil Armstrong
  - Edwin Aldrin
  - Michael Collins
- There are \_\_\_\_\_ types of simple machines
  - 5
  - 6
  - 3
  - 4
- A pair of scissors applies \_\_\_\_\_ force while cutting a piece of cloth
  - Elastic force
  - Mechanical force
  - Frictional force
  - Magnetic force



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## II. Fill in the blanks :

(1x5=5)

1. \_\_\_\_\_ force is used to lift weights.
2. Terrace farming is done in the \_\_\_\_\_.
3. The sun is made up mostly of \_\_\_\_\_.
4. The \_\_\_\_\_ is filled with a fluid that protect the eyes from shocks and minor jerks.
5. The \_\_\_\_\_ present in the middle ear vibrates when sound passes through it.

## III. State true or false :

(1x5=5)

1. The sun and the moon are of the same size \_\_\_\_\_
2. The skin has many nerves endings \_\_\_\_\_
3. The new moon occurs when the entire side of the moon facing the earth gets sunlight \_\_\_\_\_
4. Leaving the soil bare helps conserve the soil \_\_\_\_\_
5. A bottle opener is an example of a simple machine \_\_\_\_\_

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Note: All the answers should be done on the answer sheet.

## I. Answer in one word:

(1×5=5)

1. Sense organ that has taste buds
2. Nerve connecting the eye to the brain
3. The energy obtained from water
4. An example of a first class lever
5. The Second full moon in a month

## II. Define the following:

(1×5= 5)

1. Eclipse
2. Soil profile
3. Energy



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4. Magnetic force
5. Neurons

**III. Give one difference between :**

(2×3=6)

1. Second class lever and third class lever
2. Top soil and sub soil
3. Sensory nerves and motor nerves

**IV. Answer the following in 1 - 2 lines:**

(2×5=10)

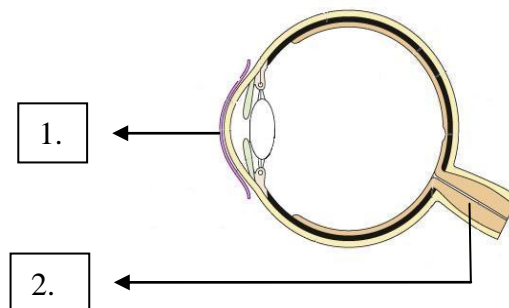
1. Why does the moon have so many craters?
2. What is soil? What is it composed of?
3. What are reflex actions? Give an example.
4. Why do astronauts wear space suits?
5. When a ball is thrown upwards, it comes down. Why?

**V. Draw a well labeled diagram of solar eclipse.**

(3)

**VI. Label the given diagram of an eye.**

(2)



**VII. Answer the following in 3-4 lines.**

(3×3=9)

1. State any 3 advantages of friction.
2. How can you take care of your eyes? (3 points)
3. Write any 3 uses of artificial satellites.

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