

ST. XAVIER'S SENIOR SECONDARY SCHOOL, DELHI-54

Class :5

SUMMATIVE ASSESSMENT 2

Marks: 60

Date: 27.2.2015

SCIENCE

Time: 1½ Hours

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

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

**I. Tick (✓) the correct answer:** (½x10=5)

1. Our nervous system consists of brain, spinal cord and ( nerves/ lungs/ blood)
2. The brain needs continuous supply of blood and ( oxygen/ nitrogen/ carbondioxide).
3. We are able to stay on the ground because of the (gravitational force/ buoyant/ elastic force)
4. Scissors are examples of (second class/ first class/ third class lever)
5. The gas that is present in air in the maximum percentage (oxygen/ nitrogen/ argon)
6. Which of the following changes into clouds fog and snow? (Water vapour/ oxygen/ argon)
7. A person who goes into the space is known as (astronomer/astrologer/astronaut)
8. The closest neighbor of the earth in space is (Jupiter/Mars/ moon)
9. Trees help to clean the (water/ air/ monuments)
10. \_\_\_\_\_ force slows down a moving object. (gravitational/ frictional/ elastic force)

**II. Write true or false :** (10x½=5)

1. Our brain is protected by our back bone. \_\_\_\_\_
2. The pupil is an opening in our eye through which light enters. \_\_\_\_\_
3. We are able to walk because of the elastic force. \_\_\_\_\_
4. Geothermal energy is a nonrenewable source of energy. \_\_\_\_\_
5. Moon is the only planet where life exists. \_\_\_\_\_
6. Solar eclipse occurs once in every month. \_\_\_\_\_
7. Air does not exert pressure. \_\_\_\_\_
8. The air we breathe out is called exhaled air. \_\_\_\_\_
9. Many old objects can be recycled or reused. \_\_\_\_\_
10. Grass eating animals give out methane gas from the system after digestion. \_\_\_\_\_

**III. Fill in the blanks:** (10x½ =5)

1. To clean a blocked nose we must inhale \_\_\_\_\_.
2. The \_\_\_\_\_ (sense organ) help us to keep our balance.
3. An inclined plane is a \_\_\_\_\_ which makes work easier.
4. Most simple machines make use of \_\_\_\_\_ force.
5. When solid dissolves in a liquid a \_\_\_\_\_ formed.
6. When there is more water vapour in the air we say that air is\_\_\_\_\_.
7. Tides are caused in the oceans due to the \_\_\_\_\_ of the moon.
8. The surface of the moon is very \_\_\_\_\_.
9. \_\_\_\_\_ is found in the stratosphere.
10. The heating of the earth is called \_\_\_\_\_.

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Time:  $1\frac{1}{2}$  Hours

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

**I. Answer in one word:** (9×1=9)

1. Name the nerve that connects eyes to brain.
2. Name the most important , non-polluting source of energy
3. Name the gas used in colourful electric lights.
4. Name the gas used by plants to manufacture food.
5. Name the first man made satellite sent to space.
6. Name the blanket of air around our planet
7. A glass house where we grow plants
8. Cutting down of trees in large number is \_\_\_\_\_
9. An important gas causing a hole in the atmosphere.

**II. Define :** (6×1= 6)

1. filtration
2. Pollution
3. Simple machines
4. Reflex action
5. Eclipse
6. Energy

**III. Answer the following in 2-3 sentences :** (6×1 $\frac{1}{2}$ =9)

1. Name the different parts of the brain.
2. What does the law of conservation of energy state?
3. How is our brain protected from injuries?
4. Name at least three different forms of energy
5. Name three processes involved in the treatment of town water supply?
6. How can metal be recycled?

**IV. Answer the following in 3-4 sentences:** (7×2=14)

1. How can you keep your skin healthy?
2. How is stratosphere a very important layer of the atmosphere
3. How is air useful to us?
4. How are artificial satellites useful to us?
5. How can you prevent pollution?
6. Man is partly responsible for global warming. Give reason.
7. Tanu wanted to hang some pictures on the wall. She used screws instead of nails to hang the pictures. Why did Tanu use screws and not nails?

**V. Draw neat labeled diagrams of the following :**

1. Solar eclipse (3)
2. Structure of an eye. (4)

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