

**SUMMATIVE ASSESSMENT – FIRST TERM****SCIENCE****Max. Marks: 60****Std - V****Time: 2 Hrs****I. Choose the best answer:****5 x 1 = 5**

1. Our nervous system consists of the brain, the spinal cord and the \_\_\_\_\_.  
a) lungs                                      b) heart                                      c) nerves
2. Wind has \_\_\_\_\_ kinetic energy than a cyclone.  
a) more                                      b) less                                      c) both a and b
3. Dr. A.P.J. Abdul Kalam is called the \_\_\_\_\_ man of India.  
a) Missile                                      b) AGNI                                      c) Einstein
4. The molecule of water is made of atoms of \_\_\_\_\_ and \_\_\_\_\_.  
a) hydrogen and oxygen    b) nitrogen and helium    c) oxygen
5. Waterfalls have \_\_\_\_\_ energy.  
a) sound                                      b) kinetic                                      c) muscular

**II. Fill in the blanks:****5 x 1 = 5**

1. India's first Satellite Launch Vehicle injected the \_\_\_\_\_ satellite in orbit around the earth.
2. The reflex action is controlled by the \_\_\_\_\_
3. \_\_\_\_\_ are the building blocks of matter.
4. \_\_\_\_\_ converts light energy into electrical energy.
5. Mass is the \_\_\_\_\_ of matter contained in a body.

**III. Match the following:**

**5 x 1 = 5**

1. Respiratory system - Atomic Energy Commission
2. Gases in air - kinetic energy
3. Pendulum type clock - Nitrogen, oxygen
4. Sathyendra Nath Bose - breathe
5. AEC - bose statistics

**IV. Given two examples for each of the following:**

**3 x 1 = 3**

1. Liquids which can burn \_\_\_\_\_, \_\_\_\_\_
2. Solids which are soft \_\_\_\_\_, \_\_\_\_\_
3. Gases in air \_\_\_\_\_, \_\_\_\_\_

**V. Write whether the following are physical or chemical changes.**

**3 x 1 = 3**

1. Dissolving sugar in water -
2. Burning a match stick -
3. Melting wax -

**VI. List the different forms of energy involved in each case.**

**3 x 1 = 3**

1. Cycling -
2. Music player -
3. Key type toy -

**VII. Expand the following:**

**4 x 1 = 4**

- |         |   |       |          |   |       |
|---------|---|-------|----------|---|-------|
| 1. MIT  | - | _____ | 2. SLV   | - | _____ |
| 3. DRDO | - | _____ | 4. IGMDP | - | _____ |

**VIII. Complete the analogy:**

**2 x 1 = 2**

1. Brain : Skull :: Spinal Cord : \_\_\_\_\_
2. Memory : Cerebrum :: \_\_\_\_\_ : Cerebellum.

**IX. Name the following:**

**2 x 1 = 2**

1. Energy contained in different substances like food or batteries \_\_\_\_\_
2. Energy generated by the movement of the air \_\_\_\_\_

**X. Answer the following questions shortly:**

**7 x 2 = 14**

1. Name any three awards given by the government of India for people who contribute significantly for the nation.
2. What are the methods of propagation of heat energy?
3. Explain the atomic arrangement in solids, liquids and gases.
4. Write the function of the cerebrum.
5. List the different uses of husk.
6. What are the different forms in which chemical energy is stored?
7. Write the difference between sensory nerves and motor nerves.

**XI. Answer the following questions briefly: (Any 2)**

**2 x 5 = 10**

1. Explain three major parts of human brain.
2. Differentiate between element and compound.
3. Give any two significant contributions of Dr. A.P.J. Abdul Kalam to the Indian Defence Research.

**XII. Draw the diagram of Excretory system and label the parts.**

**4**