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

Class : 4   FINAL UNIT TEST 2014-2015   Marks : 20

Date : 21.11.14   SCIENCE   Time : 45 Mins.

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

I.   Fill in the blanks : $(4x\frac{1}{2} =2)$

    1. Hubble space telescope has been placed in the _____.

    2. The Sun and its family of the 8 planets together is called the _____ .

    3. Work is done when force is applied through a _____.

    4. The smallest particle of an element is called an_____.

II.   Give two names :   (3x1=3)

    1.   The telescope put in observatories -

    2.   Two kinds of forces -

    3.   Two applications of heat energy -

III. Give one word : $(\frac{1}{2} x4=2)$

    1. The ability to do work _____

    2. The force of the earth that pulls things towards it _____

    3. A man made machine put into space to get information about the space _____

    4. A heavenly body which has its own light and heat _____

IV.   Give one difference between each : $(1\frac{1}{2} x2=3)$

    1. A planet and a satellite.

    2. Muscular force and mechanical force.

V.   Answer the following :   (2x5=10)

    1. Why is the Sun called the Ultimate source of the energy?

    2. In what different ways can you use force for moving things?

    3. Why do the planets of the solar system not collide with each other?

    4. Why should we use coal, wood and oil carefully?

    5. What should you do to stop a moving object?

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