

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

Class : 6

FINAL UNIT TEST 2014-2015

Marks : 20

Date : 21.11.14

SCIENCE

Time : 45 Minutes

**Note:** All the questions are to be done in the answer sheet.

I. Give one word answers : (1/2x10=5)

- 1) \_\_\_\_\_ are fibers that connect muscles to the bones.
- 2) A group of cells that perform a special job together is known as a \_\_\_\_\_ .
- 3) Bones are held together at the joints by strong stretchy bands called \_\_\_\_\_.
- 4) The backbone is also called the \_\_\_\_\_.
- 5) The path around which an electric current flows is called an \_\_\_\_\_.
- 6) A dry cell is a source of \_\_\_\_\_ energy.
- 7) The \_\_\_\_\_ is the positive terminal of a dry cell .
- 8) \_\_\_\_\_ is the longest bone in a human body.
- 9) A \_\_\_\_\_ cell converts solar energy directly into electrical energy.
- 10) An \_\_\_\_\_ has liquid skeleton.

II. Give one difference between : (1x3=3)

- 1) Open and closed circuit
- 2) Endoskeleton and exoskeleton
- 3) Conductors and insulators

III. Answer in 2-3 sentences: (1 1/2x4=6)

- 1) What is the function of a switch in an electric circuit?
- 2) Name the main organs of the digestive system. What is the main function of this system?
- 3) What do you think would have happened if the backbone had one long bone instead of many vertebrae?
- 4) Draw an electric circuit having a cell, a closed switch, bulb, and show the path of the flow of current.

IV. Answer in 3-4 sentences: (2x3=6)

- 1) Give four functions of the skeleton?
- 2) Explain ball and socket joint giving two examples.
- 3) Why are electric wires made up of copper and covered with plastic?

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