

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

Class : 7

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 Fill in the blanks : (1/2x4=2)

1. We use symbols to draw a circuit_____
2. _____ terminal of cell is at higher potential in the wire.
3. Stagnant water in blocked drains is good breeding place for flies and _____
4. The floating materials like oil and grease are removed with the help of a _____

II Answer in one or two sentences : (1x2=2)

1. What is a sewage?
2. What is an electric circuit?

III Answer in two or three sentences : (1 1/2x4=6)

1. Name three diseases that can be caused by an improper drainage system?
2. What is a miniature circuit breaker?
3. How can you increase the strength of a solenoid?
4. What problems arise due to improper drainage?

IV Answer in detail : (2x5=10)

1. What is an electromagnet? Give three uses of electromagnet.
2. Outline the main steps used in sewage treatment.
3. Distinguish between conductors and insulators (write at least two points each)
4. Draw a circuit diagram consisting of battery of four cells, switch, conducting wires and a bulb.
5. Why should you not throw the following into the kitchen sink?
 - a) cooking oil
 - b) tea leaves
 - c) medicines
 - d) food remains
