

INDIAN SCHOOL SOHAR**FORMATIVE ASSESSMENT- 4****SET:-1****SUBJECT: SCIENCE****CLASS - VIII****MARKS:-20****DATE:-12-02-15****TIME: 40MIN****GENERAL INSTRUCTIONS:**

- 1. Questions 1 to 5 are Multiple Choice Questions carrying 1 mark each.**
- 2. Questions 6 to 9 are Very Short Answer type questions carrying 1 mark each.**
- 3. Questions 10 to 12 are Short Answer type Questions carrying 2 marks each.**
- 4. Question no 13 is Long Answer type Question carrying 5 marks.**

1. The unit of frequency is 1
a) decibel b) hertz c) metre/sec d) decibel/sec.
2. Which one of the following solutions will not conduct electricity 1
a) sugar solution b) lemon juice c) pond water d) vinegar.
3. Sound can travel through 1
a) solids only b) liquids only c) solids, liquids and gases d) gases only.
4. During electrolysis of water the bubbles formed on negative terminal is 1
a) hydrogen b) carbon dioxide c) oxygen d)nitrogen
5. Voice of a friend is recognized by its 1
a) pitch b) intensity c) velocity d) quality.
6. What is the relation between frequency and pitch? 1
7. Will distilled water and tap water conduct electricity? Why? 1
8. Differentiate between infrasonic and ultrasonic sound. 1
9. Handles of kettles are made of plastic. Give reason. 1
10. a) State the direction of conventional current. 2
b) Mention the names of positive and negative subatomic particles.
11. Why is a tuning fork used in the laboratory? 2
12. State any two steps to control noise pollution. 2
13. a) Explain the process of electroplating. 5
b) Draw the structure of human ear and label any three important parts.

***** **THE END*******