

**INDIAN SCHOOL SOHAR****FORMATIVE ASSESSMENT- 4****SET:-2****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 number of oscillations per second is called **1**  
a) amplitude    b) speed    c) frequency    d) pitch.
2. During the process of electroplating the object to be electroplated is placed at **1**  
a) anode    b) cathode    c) anode and cathode    d) none of these.
3. The speed of sound is maximum in **1**  
a) water    b) air    c) kerosene    d) steel.
4. The unit of loudness of sound is **1**  
a) decibel    b) hertz    c) decibel/sec    d) hertz/sec
5. The neutral particle of an atom is **1**  
a) proton    b) neutron    c) electron    d) nucleus.
6. What is the relation between amplitude and loudness? **1**
7. Why does the blue colour of copper chloride solution fading during electrolysis? **1**
8. Define sonic range. **1**
9. Hands should not be wet while handling with electrical appliances. Give reason. **1**
10. Differentiate between compressions and rarefactions. **2**
11. What is the basic difference between a conductor and an eletrolyte? **2**
12. State any two uses of echo. **2**
13. a) Explain the process of electrolysis. **5**  
b) Draw the structure of human ear and label any three important parts.

\*\*\*\*\* **THE END**\*\*\*\*\*