

**SET-1**

<b>STD X</b>	<b>INDIAN SCHOOL SOHAR</b>	
<b>4.5.14</b>	<b>FORMATIVE ASSESSMENT 1-2014</b>	<b>Marks: 20</b>
	<b>SCIENCE</b>	<b>Time : 45mins</b>

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ANSWER THE FOLLOWING:-

1. What is meant by electric resistance of a conductor? Write the SI unit of electric resistance? (1)
2. What happens chemically when quick lime is added to water? (1)
3. Name a plant and an animal that represents parasitic nutritive strategy. (1)
4. A current of 1A flows in a wire for 5 minutes. Find the amount of electric charge that flows through the wire? (2)
5. Write the fully balanced chemical equation when aluminium metal dissolves in aqueous copper sulphate solution with the formation of aluminium sulphate and copper. (2)
6. A voltmeter always connected in parallel in an electric circuit. Justify. (2)
7. In an experiment performed using a variegated leaf .The green parts of the leaf turn blue black on adding iodine solution. (2)
  - (a)What inference can be drawn about the change in colour?
  - (b) How is chlorophyll removed from the leaf before testing it for starch?
8. (a)State Ohm's law. (3)
  - (b) Draw a schematic diagram of the circuit for studying Ohm's law.
9. (a)What is observed when a solution of potassium iodide is added to a solution of lead nitrate taken in the test tube. (3)
  - (b)What type of reaction is this?
  - (c)Write a balanced chemical equation to represent the above reaction.
10. List the events that occur during photosynthesis. (3)

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