



**Octahedral classes, kharadi**  
**2nd floor, yashwant plaza, near bank of India,**

**Class 08 - Science**  
**metal and non metal**

**Maximum Marks: 40**

**Time Allowed: 1 hour and 30 minutes**

**Section A**

1. Saloni took a piece of burning charcoal and collected the gas evolved in a test tube. Write down word equations of all the reactions taking place in this process. 2
2. Write the reaction of non-metals with Basic Oxides. 2
3. Write some chemical properties of non-metals. 2
4. Explain the reaction of sodium and water with the help of an activity. 2
5. Give reason for foodstuffs with acid components should not be stored in aluminium utensils. 2
6. Write the reaction of non-metals with air. 2
7. Why is tincture iodine applied on wounds? 2
8. What happens when iron comes in contact with air and moisture? 2
9. Write the reaction of metals with hydrogen? 2
10. Give reason for aluminium is used to make electrical wires. 2
11. Why is aluminium used in making airplanes? 2
12. What happens when dilute sulphuric acid poured on a copper plate? 2
13. Why does an aluminium vessels loose its shine so soon after use? 2
14. Write the reaction of metals with water? 2
15. What happens when iron nails are placed in copper sulphate solution? 2
16. Can you store lemon pickle in an aluminium utensil? Explain. 2
17. What do you mean by ductility? Which substances show this property? 2
18. Write the reaction of non-metals. 2
19. Write the reaction of metals with air? 2
20. Explain an activity to test the nature of rust. 2