



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

**CLASS 08 - SCIENCE**

**science**

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

**Maximum Marks: 45**

**Section A**

1. Name one metal that decomposes boiling water and not cold water. [1]
2. Name the property of the metals by virtue of which these can be beaten into sheets. [1]
3. What happens when you hammer a metal and non-metal? [1]
4. Aluminium metal is nowadays widely used for making household utensils and electric wires. [1]  
What is your inference of aluminium as a metal?
5. Are the ringing bells in temples made of metal or non-metal? [1]
6. Mention the metals which are used in photography. [1]
7. Which one of the following materials is most likely to be corroded? [1]  
(a) a wooden plant  
(b) a steel chair  
(c) an exposed iron rod  
(d) an iron coated with oil.
8. Mention the metals which are used in making of mirrors. [1]
9. What metals are used in making cooking utensils and water boilers? [1]
10. How much light is reflected back by mirrors coated with silver? [1]
11. What happens when the two forces act in the opposite on an object? [1]
12. What is gravitational force? [1]
13. On the basis of interaction what are the two categories of forces? [1]
14. What do you mean by pressure? [1]
15. What is atmospheric pressure? [1]
16. What is atmospheric pressure? [1]
17. How do we feel force in our daily life? [1]
18. Define force. [1]
19. Is the gravitational force a contact or non-contact force? [1]
20. What is pressure? [1]
21. Give two reasons for aluminium being preferred to copper for manufacturing cooking utensils. [2]
22. What is corrosion? What are the ways to retard this process? [2]
23. Compare the properties of metals and non-metals with respect to malleability, ductility and conductivity. [2]
24. State some chemical properties on the basis of which metals can be distinguished from non-metals. [2]
25. Write the reaction of non-metals with acids. [2]

26. What are non-contact forces? Explain different types of non-contact forces. **[3]**
27. Write a short note on magnetic force. **[3]**
28. Define the following: **[3]**
- a. Muscular force
  - b. Frictional force
29. What experiment was performed to prove that air has pressure? **[3]**
30. Show that the force has a magnitude as well as direction. **[3]**