



Octahedral classes, kharadi

2nd floor, yashwant plaza, near bank of India,

Class 08 - Science

metal non metal and force

Maximum Marks: 35

Time Allowed: 1 hour and 30 minutes

Section A

1. Name some non-contact forces. 1
2. Is the gravity a property of earth only? 1
3. Can you separate two hemispheres, if all the air is suck out from them? 1
4. Name the common non-metals that are used in our daily life directly or indirectly. 1
5. What makes aluminium useful for wrapping of food items? 1
6. If you put one end of a rod of a metal in hot water, you feel hot at the other end. What does it mean? What is this property of metals called? 1
7. Explain an activity to test the nature of rust. 2
8. Why is sodium metal kept under kerosene? 2
9. Write the reaction of metals with air? 2
10. Write the reaction of metals with hydrogen? 2
11. One day Reeta went to a Jeweller's shop with her mother. Her mother gave old gold jewellery to the goldsmith to polish. Next day when they brought the jewellery back, they found that there was a slight loss in its weight. Can you suggest a reason for the loss in weight ? 2
12. What is muscular force? Why it is called a contact force? 2
13. On what factors does the effect of forces depends? 2
14. What is a force? Explain with the help of some examples. 2
15. Why is force of friction called contact force? 2
16. Give two examples of situations in which applied force cause a change in the shape of an object. 2
17. What are non-contact forces? Explain different types of non-contact forces. 3
18. Write a short note on electrostatic force with examples. 3
19. Write the effects of the force applied on an object. 3