



metals and non -metals class 7

1. What are the different types of elements? how many elements are there?
2. Burning fossil fuels are very harmful in nature. Why? 2
3. Why we cannot identify plastics, glass, wood, water are not considered as metals and non -metals? 2
4. While chewing a food physical and chemical reactions take place together. justify
5. Metals and non- metals uses. 3 points each
6. Give example
 - a) Softest metal
 - b) Life giving nonmetal
 - c) Non- metal can catch fire
 - d) Hardest nonmetal
 - e) Nonmetal can carry electricity
 - f) Non -metal used as antiseptic
 - g) Liquid metal
 - h) Liquid non metal
 - i) Best ductile metal
 - j) Poor conductor of heat metal
7. Name the active metal and non -metal and also how are they stored?
8. Two physical and two chemical characters of metals
9. Non -metals are acidic in nature. Justify the statement
10. Give reason
 - a) Aluminium is used to pack foods
 - b) Copper is used as electric transmission wire
 - c) Gold is used to make jewellery
 - d) Magnesium wire is used as fire crackers
 - e) Silver is used to decorate sweets

11. Write the equations to show
 - a) Metal to metal oxide to metal hydroxide(base)
 - b) Non-metal to nonmetal oxide to nonmetal hydroxide(acid)
12. Two uses of malleability
13. Two substances which can brittle.
14. Why the cooking vessels are having copper base?
15. What is rusting? What are the factors affecting rusting? List three 4 ways to prevent rusting?
15. Give two examples of corrosion
16. In a circuit name the metal and non-metal
17. Why carbon is important for life?
18. Write two uses of each non-metals present in atmosphere
19. Classify the following as metals, non-metals, non-element
Wood, rubber, soap, diamond, sulphur, uranium, iodine, zinc, gold, chlorine,
20. Three applications of sonority