

THE JAIN INTERNATIONAL SCHOOL, KANPUR

HOLIDAY HOMEWORK (2023 - 24)

SUBJECT: Chemistry

CHAPTER: Metals and non-metals

CLASS: 7th

Answer the following question in one word

1. The number of atoms present in the molecule of an element?
2. A substance made up of only one type of an atom?
3. Smallest part of an element or compound which can exist independently?
4. Symbolic representation of compound is called?
5. Smallest part of an element that take part in a chemical reaction?
6. Combining capacity of an element or group is called
7. The particle that revolve around the nucleus of an atom?
8. Positive charged particle present in the centre of an atom?
9. The number of electrons present in the outer shell of an atom?
10. Element that can exist independently are called?
11. Element containing two atom in a molecule
12. A group of atom exists alone?
13. Scientist who name atom?
14. Scientist who first suggested symbol?
15. Element or compound that takes part in a chemical reaction?
16. A substance that formed by mixing two or more compound in any ratio?
17. A _____ is formed by chemical combination of two or more compound
18. _____, _____ and _____ are called subatomic particle
19. The properties of a compound are different from its _____
20. The electrons in the outer most orbit are called as _____
21. When an atom loses electrons it bears _____ - charge and if it gains electrons it bears _____
22. We use _____ to represent elements
23. We can write a formula of compound if we know _____ and _____ of its elements and groups
24. In a chemical reaction number of atoms on RHS should be _____ to the LHS
25. A chemical equation shows the result of _____ and _____