

**THE JAIN INTERNATIONAL SCHOOL, KANPUR**

**HOLIDAY HOMEWORK (2023 - 24)**

**SUBJECT: Chemistry**

**CHAPTER: Metals and non-metals**

**CLASS: 7<sup>th</sup>**

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 \_\_\_\_\_