

Class Atoms and molecules Short questions

- Question 1** Write the postulates of Dalton's theory?
- Question 2** Who gave law of conservation of mass?
- Question 3** Write the postulate of Dalton's theory that proves the law of constant proportion?
- Question 4** What is chemical formula?
- Question 5** What is the Latin name of Sodium, Potassium, tin and lead?
- Question 6** What is formula unit?
- Question 7** Define one atomic mass unit?
- Question 8** What are ions? How is it formed?
- Question 9** Calculate the formula mass of $\text{Na}_2\text{CO}_3 \cdot 10\text{H}_2\text{O}$
- Question 10** Write the difference between simple ion and polyatomic ion?
- Question 11** Derive formula of aluminum chloride
- Question 12** What are ionic compounds?
- Question 13** Write the difference between molecule of element and molecule of compound?
- Question 14** How Na^+ is formed from Na?
- Question 15** What is the difference between 2O and O_2 ?
- Question 16** Convert 46 gm sodium into moles?
- Question 17** Which has more number of atoms 10 gm of sodium or 100 gm of magnesium?
- Question 18** Calculate the mass of 2 mole of oxygen?
- Question 19** What is Avogadro constant?
- Question 20** Write two examples of diatomic molecule?