

**SCIENCE (Subject Code - 086)**  
**Syllabus for Purpose of Examination 2021-22**  
**CLASS – IX**  
**CHEMISTRY**  
**TERM – I**

Chapter	Topics	Marks
Chapter – 2 Is matter around us Pure	Nature of matter: Elements, compounds and mixtures. Heterogeneous and homogenous mixtures, colloids and suspensions	9

**Practical**

# Preparation of a) A mixture b) A compound using iron filings and sulphur powder

**TERM – II**

Chapters	Topics	Marks
Chapter – 3 Atoms and Molecules	Particle nature and their basic units: Atoms and molecules, Law of constant proportions, Atomic and molecular masses. Mole concept: Relationship of mole to mass of the particles and numbers.	9
Chapter – 4 Structure of Atom	Structure of atoms: Electrons, protons and neutrons, valency, chemical formula of common compounds. Isotopes and Isobars.	9

**Practical**

# Verification of the law of conservation of mass in a chemical reaction

