OPENER TERM 3 2026
GRADE 10
CHEMISTRY EXAM

Name **Class** **Adm no** **.**

Time: 2 HOURS
Maximum Mark: 80 Marks

SECTION A: MULTIPLE CHOICE QUESTIONS (10 MARKS)

Answer all questions. (1 mark each)

1) Chemistry is **best** defined as the study of:

A. Living things B. Matter and the changes it undergoes C. The Earth D. Energy only

2) Which sub-atomic particle has a positive charge?

A. Electron B. Proton C. Neutron D. Photon

3) The atomic number of an element is the number of:

A. Neutrons B. Protons C. Electrons and neutrons D. Nucleons

4) Which particle is formed when sodium loses one electron?

A. Na^{2+} B. Na^{+} C. Na^{-} D. Na

5) The bond formed by sharing electrons is called:

A. Ionic bond B. Metallic bond C. Covalent bond D. Hydrogen bond

6) Which element belongs to **Group VII** (17)?

A. Sodium B. Chlorine C. Magnesium D. Calcium

7) Across a period, atomic size generally:

A. Increases B. Decreases C. Remains constant D. Doubles

8) A substance that turns blue litmus paper red is:

A. Base B. Salt C. Acid D. Metal

9) Which of the following is an alkali?

A. Hydrochloric acid B. Sodium hydroxide C. Copper D. Carbon dioxide

10) Which of the following is a neutral particle?