NAME……ADM NO……
DATE……SIGN……

CHEMISTRY GRADE 10
OPENER EXAM TERM 2, 2026
TIME: 2 HOURS

INSTRUCTIONS TO CANDIDATES

1. ***Write your name, admission number, stream and date in the spaces provided above.***
2. ***This paper consists of TWO sections: Section I and Section II.***
3. ***Answer ALL questions in Section I (40 marks).***
4. ***Answer ALL questions in Section II (40 marks).***
5. ***All working must be shown clearly in the spaces provided.***
6. ***Candidates should check that all pages are printed and no questions are missing.***

SECTION I (40 MARKS)

Answer ALL questions in this section.

1. The Bohr diagrams below show the electron arrangements of three atoms. Study them and answer the questions that follow. **(8 marks)**

(a) State the period and group of each element in the Periodic Table:**(3 marks)**

Element	Proton Number	Period	Group
Sodium (Na)	11		
Chlorine (Cl)	17		
Calcium (Ca)	20		

(b) Write the electron configuration of a Chloride ion (Cl^-). State the noble gas it resembles. **(2 marks)**