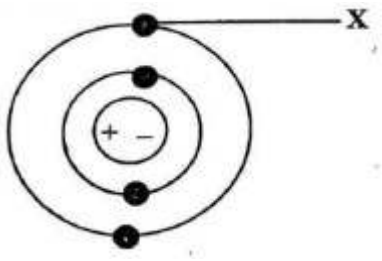
INTEGRATED SCIENCE

SECTION A: (20mks)

1. The diagram below shows the structure of an atom.



The part labelled X is known as

A. atom
B. electron
C. neutron
D. proton.

2. Which of the following particles are found in the nucleus of an atom?

A. Electrons and protons
B. Neutrons and electrons
C. Protons and neutrons
D. Protons and electrons.

3. What is the number of neutrons in sodium?

A. 5
B. 6
C. 7
D. 12

4. Grade 9 learners observed an element with 11 protons and 12 neutrons. What is the atomic number of this element?

A. 11
B. 12
C. 23
D. 24

5. How many electrons would Grade 9 learners place in its outer shell while modelling the atomic structure of neon (Ne)?

A. 2
B. 12
C. 10
D. 8

6. Which one of the following elements is a metal?

A. Hydrogen
B. Helium
C. Sodium
D. Neon

7. Which of the following metals is the odd one out?

A. Copper
B. Zinc
C. Gold
D. Bronze.

8. Which one of the following items is not made of steel?

A. Rebars