INTEGRATED SCIENCE

SECTION A: (30 mks)

1. Grade 8 learners from Heritage Junior school came across the following questions during an Integrated Science assessment. Which question is not correctly matched with the component of Integrated Science from which it was derived?

A. Draw a well labelled diagram of human digestive system - Biology.
B. Differentiate between an atom and a molecule - Chemistry.
C. What is an electrical appliance? Chemistry
D. State two uses of magnets in day to day life- Physics.

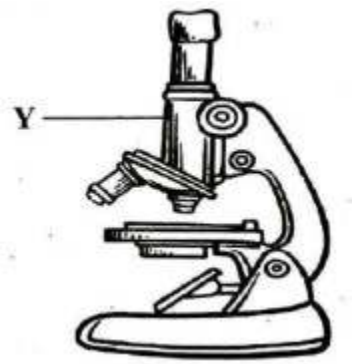
2. Which one of the following is the basic quantity from which density is derived from?

A. Volume
B. Time
C. Temperature
D. Length

3. Mr. Edward, a grade 8 Integrated Science facilitator made a simple circuit during a practical lesson in the laboratory. Which apparatus did he use to measure amount of electric current flowing through the circuit?

A. Ammeter
B. Voltmeter
C. Amperes
D. Bulb

The diagram below shows an apparatus used in the laboratory. Study it and use it to answer questions 4 and 5.



4. The part labelled X is called

A. ocular tube
B. body tube
C. condenser
D. eye piece

5. Which part of the instrument above concentrates light onto the stage when the instrument is in use?

A. Mirror
B. Diaphragm
C. Objective lens
D. Condenser

6. Which one of the following classes of fire is likely to be formed when small amount of ethanol in a petri-dish is lit?

A. Class B