SECTION A: (30 MARKS)

1. During a science investigation, Amina noticed that a metal spoon became hot when left in a cup of hot tea. She recorded the observation in her notebook. Which scientific skill did she demonstrate?

   A. Prediction

   B. Observation

   C. Manipulation

   D. Measurement

2. Which one of the following pairs is correctly matched with its component of Integrated Science?

   A. Photosynthesis - Physics

   B. Magnetism -Biology

   C. Acids and bases- Chemistry

   D. Reproduction -Physics

3. Which one of the following professionals would least likely apply knowledge from Integrated Science directly in their work?

   A. Laboratory technologist

   B. Medical doctor

   C. Radiographer

   D. Accountant

4. A learner is studying the separation of mixtures, acids and bases, and chemical reactions. Which component of Integrated Science is mainly involved?

   A. Biology

   B. Chemistry

   C. Physics

   D. Astronomy

5. Which one of the following is an element?

   A. Oxygen

   B. Water

   C. Carbon(IV) oxide

   D. Sodium chloride