INTEGRATED SCIENCE

SECTION A

1. Which of the following is not a correct safety practice in the Science laboratory?

A. Eating food in the lab.

B. Wearing of lab coat.

C. Eating fruits that are in the laboratory.

D. Reading instructions before an experiment.

2. Brian prepared a temporary slide of an onion cell using iodine. What was the purpose of adding iodine to the slide?

A. To kill bacteria

B. To stain the cell and make structures visible

C. To clean the lens

D. To disinfect the slide

3. In a cooking class, Kelvin heated cooked oil and then allowed it to cook and solidify. What type of change was this?

A. Physical and reversible

B. Chemical and permanent

C. Physical and permanent

D. Chemical and irreversible

4. The average length of a menstrual cycle in most girls is about

A. 7 days

B. 30 days

C. 21 days

D. 28 days

5. Tom drinks very little water and eats a lot of salty food. What kidney problem might he develop?

A. Kidney stone

B. Kidney health

C. Kidney filtration

D. Kidney swelling

6. Which of the following is best used to measure the volume of a liquid accurately?

A. Test tube

B. Beaker

C. Syringe

D. Measuring cylinder

7. During a class experiment, Aisha heated pure ice and recorded the temperature every minute. She noticed the temperature remained constant at 0°C for a while. What was happening at this point?

A. The ice was increasing

B. The ice was melting