

1. Solution **D** contains different food substances;

(a) Using the chemicals and reagents provided, carry out food test to identify the food substance present in solution **D**. Tabulate your work as shown in the following Table:

FOOD TESTED	PROCEDURE	OBSERVATION	INFERENCE

(b) For each food substance identified in 1(a) above, name the end product after digestion.

(c) From the food substances identified in 1(a) above, which one must be excreted out of the body by the kidney when it is in excess?

(d) Briefly explain what would happen when excess food named above is allowed to accumulate in the body.

2. You have been provided with specimens **G₁**, **G₂**, **G₃**, **G₄**, and **G₅**.

(a) Using a hand lens, carefully study the specimens then:

(i) Identify each specimen by its common name.

(ii) Classify **G₁** and **G₅** to class level.

(iii) State two economic importance of specimen **G₂**.

(iv) Draw a well labeled diagram of specimen **G₂**.

(b) (i) State two differences between **G₄** and **G₅**.

(ii) State two similarities between specimen **G₄** and **G₅**.