

1. a) You are provided with liquid C. Using the reagents provided carry out food tests to find out the food nutrients present in liquid C. Record your procedures, observations and conclusions in the table below.


- b) State the function of each of the food nutrients present in liquid C in a human body. Fill in the table below.

Food nutrients	Function of the nutrient in human body

2. The photograph below shows the transverse section of blood vessels labelled X and Y.



- a) With a reason, identify the type of the blood vessels.

X .....

Reason: .....

Y.....

Reason: .....

- b) State the function of each of these blood vessels:

X.....

Y.....

- c) Using observable features only state how blood vessel Y is adapted to its function.

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- d) Name the diseases of the circulatory system associated with the blood vessels X and Y.

X.....

Y.....

3. You are provided with specimen R which is a plant organ. Examine the specimen. a) i) What plant organ is specimen R? .....

- ii) Give a reason for your answer in (a) (i) above.

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- b) Make a transverse section through specimen R.

- i) Draw and label one of the cut surfaces.

ii) Work out the magnification of your drawing.