

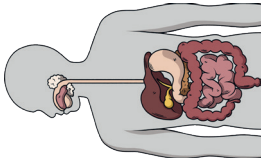
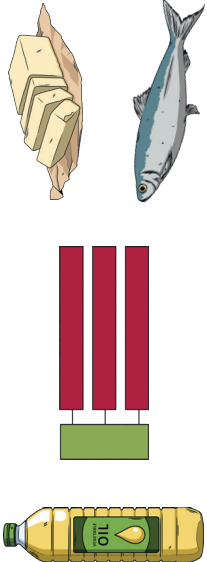
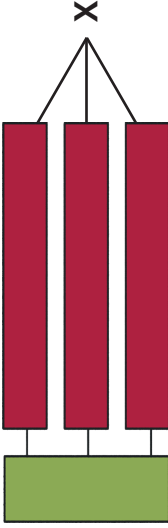
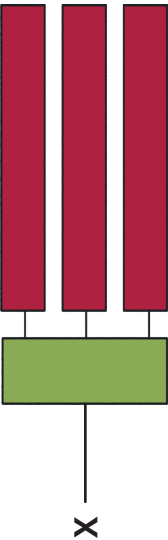


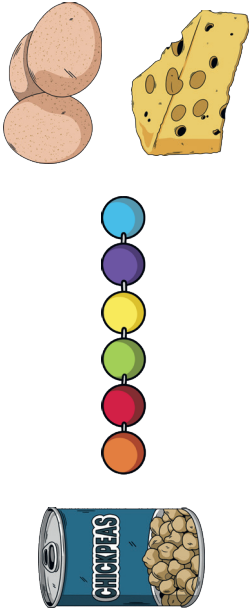
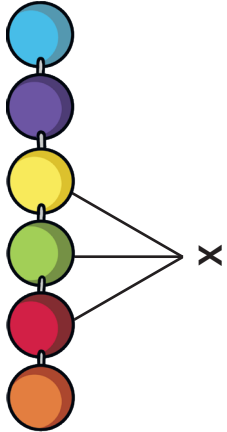
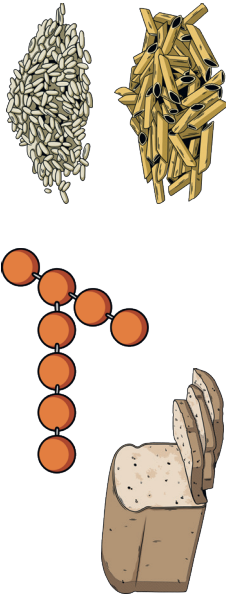
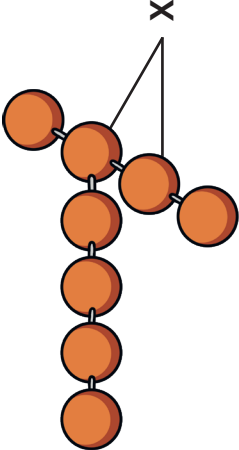
HOMWORK BOOKLET


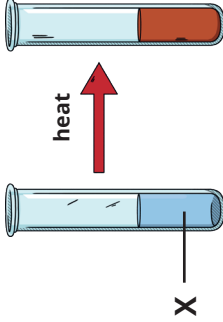
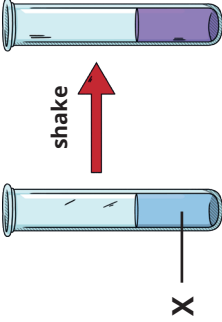
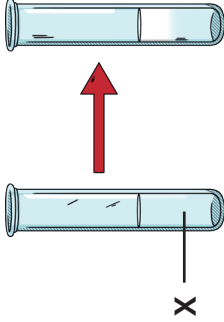
B2

Food Tests

Complete the table to give the key word and a description linked to each diagram.

Key Word	Diagram	Description
		
		
		
		

Key Word	Diagram	Description
		
		
		
		

Key Word	Diagram	Description
		
		
		
		

Key Word	Diagram	Description



Food Tests

Questions on food tests are usually worth two marks.

- Mark one is for a simple description of the food test. You should include the name of any reagents and say if they need heating.
- Mark two is for stating what will happen if the test is positive.

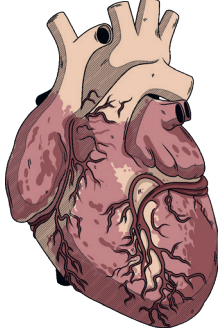
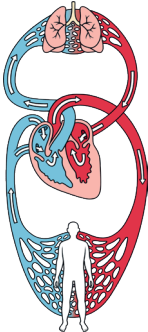
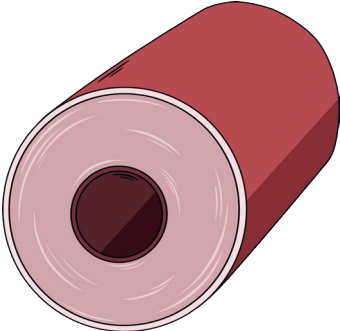
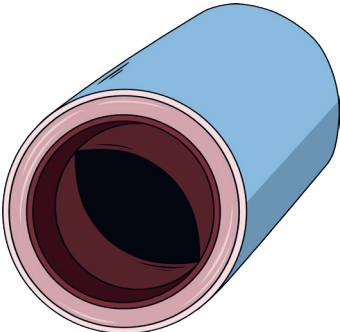
Complete the table with the test and result for each type of molecule.

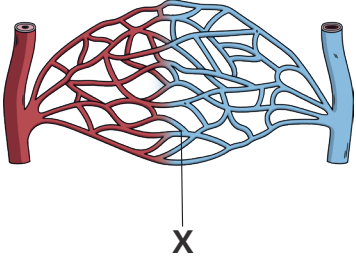
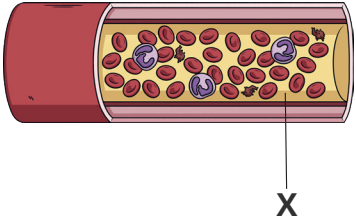
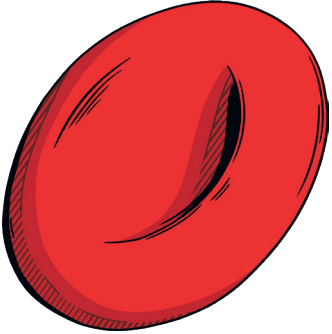
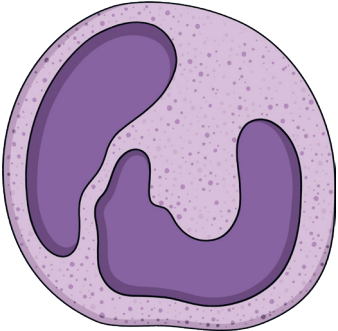
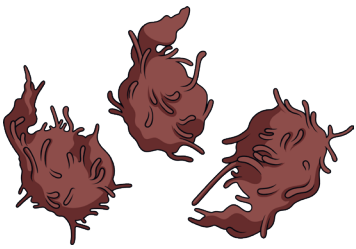
Type of Molecule	Test	Result if Positive
starch		
sugar		
lipid		
protein		

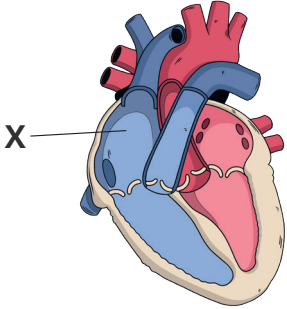
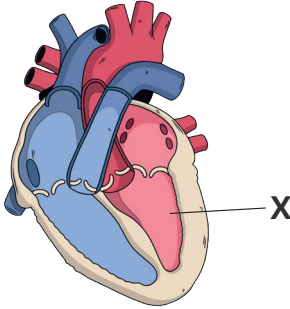
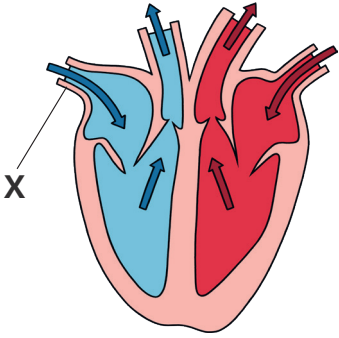
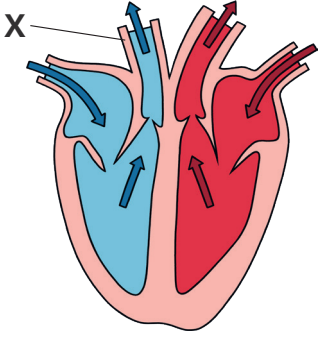
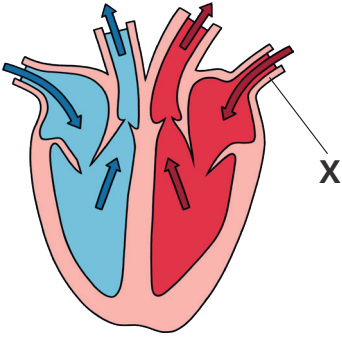


The Circulatory System

Write the key word associated with the circulatory system shown by the diagram. Then describe its role in the final column.

Key Word	Diagram	Description
		
		
		
		

Key Word	Diagram	Description
		
		
		
		
		

Key Word	Diagram	Description
		
		
		
		
		

Key Word	Diagram	Description

The Heart

Place in the correct order:

It then goes into the left ventricle.

The blood then goes into the right ventricle.

The right ventricle then pumps the blood out of the heart, to the lungs.

The left ventricle then pumps the blood out of the heart for the blood to flow all around the body.

The oxygenated blood from the lungs goes into the left atrium via the pulmonary vein.

First, deoxygenated blood goes into the right atrium via the vena cava.



The flow of blood

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

Treatment of Coronary Heart Disease

Heart Transplants

What are they?

Advantages

Disadvantages

Replacing Faulty Heart Valves

What are they?

Advantages

Disadvantages

Statins

What are they?

Advantages

Disadvantages

An Artificial Heart Transplant

What are they?

Advantages

Disadvantages

Homework 4

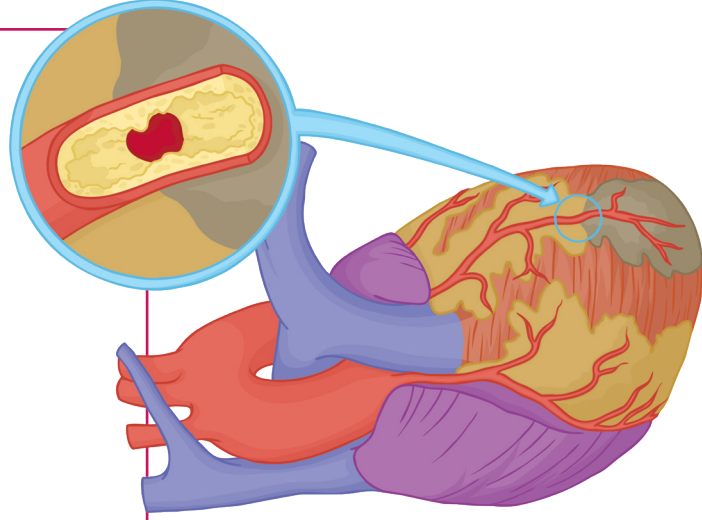
Treatment of Coronary Heart Disease Extension

Stents

What are they?

Advantages

Disadvantages



Exam Style Questions

1. What type of valve should a surgeon use for a leaky valve?

2. What are the disadvantages?

3. What can line the arteries to cause blood clots?

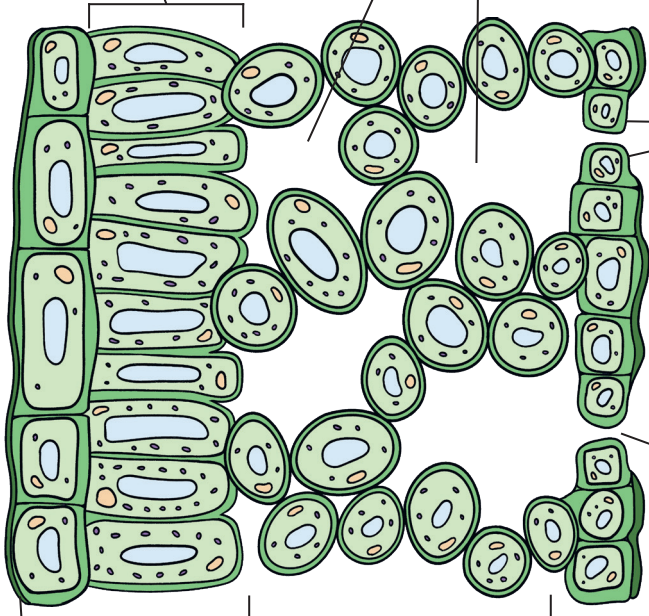
4. Why can a mechanical heart not be used for a long period of time?



Structure of a Leaf

Complete the boxes to name the structures that make up the leaf and describe the function of each part.

Structure:
Function:



Structure:
Function:

Structure:
Function:

Structure:
Function:

Structure:
Function:

Structure:
Function: