Cambridge Assessment International Education



Science

Stage 6

First Semester

Cambridge Primary Progression Test

Name

Class

Date

45 minutes

No additional materials are needed.

INSTRUCTIONS

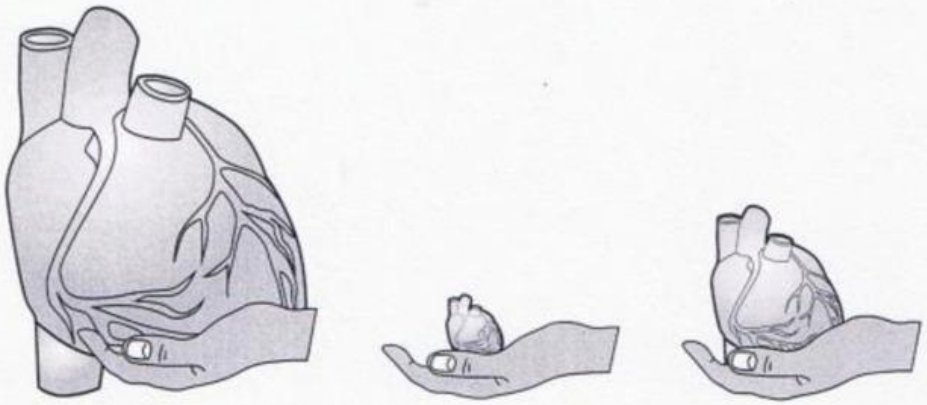
- Answer **all** questions.
- Write your answer to each question in the space provided.
- You should show all your working on the question paper.

INFORMATION

- The total mark for this paper is **25**.
- The number of marks for each question or part question is shown in brackets [ ].

LIVEWORKSHEETS

1. The pictures show different sized hearts.



A B C

(a) Which picture shows the correct size of an adult human heart?

Write the correct letter **A**, **B** or **C**.

..... [1]

(b) Complete these sentences.

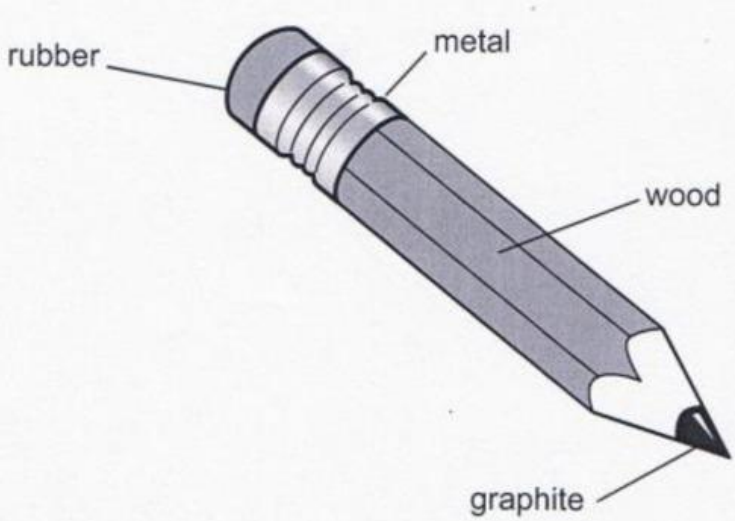
(i) The heart pumps ..... around the body. [1]

(ii) The heart makes sure that oxygen taken in by the ..... gets to the brain. [1]

(iii) The heart is an organ made from ..... . [1]

LIVEWORKSHEETS

2. Here is a pencil.



Complete the table to show which parts of the pencil are electrical conductors and which are electrical insulators.

Tick (✓) the correct column for each part of the pencil.

part of the pencil	electrical conductor	electrical insulator
graphite		
metal		
rubber		
wood		

[2]

LIVEWORKSHEETS

3. This question is about human diseases.

Look at the table that shows information about some human diseases.

disease	cause of infection	how infection enters the body
cholera	bacteria	unsafe water and food
malaria	parasite	insect bite
Zika	virus	insect bite
tetanus	bacteria	through cuts in the skin
yellow fever	virus	insect bite

(a) Bacteria, parasites and viruses all cause disease in humans.

Write down **one other** type of living thing that causes disease in humans.

..... [1]

(b) Write down **one** disease from the table that is controlled by using good hygiene.

..... [1]

(c) Describe **two** ways to reduce infection with malaria.

1 .....

.....

2 .....

.....

[2]

LIVEWORKSHEETS

4. Oxygen is a gas found in the atmosphere.

(a) Oxygen has a very low melting point.

What is meant by the words **melting point**?

.....

.....

..... [2]

(b) One of the properties of oxygen gas is that it is colourless.

Suggest **two other** properties of oxygen gas.

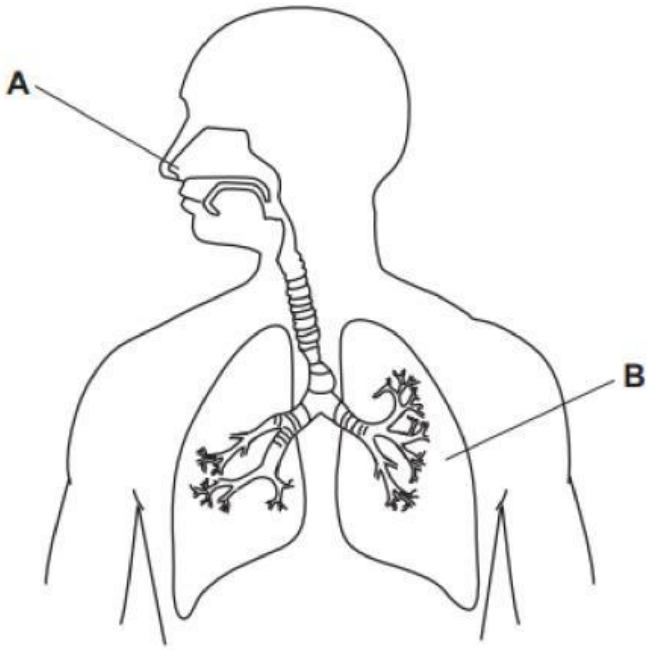
1 .....

2 .....

[2]

LIVEWORKSHEETS

5. Look at the diagram of the human respiratory system.



(a) Write down the name of part **A** of the human respiratory system.

..... [1]

(b) Write down the name of part **B** of the human respiratory system.

..... [1]

(c) Describe the function of the human respiratory system.

.....

.....

.....

.....

..... [2]

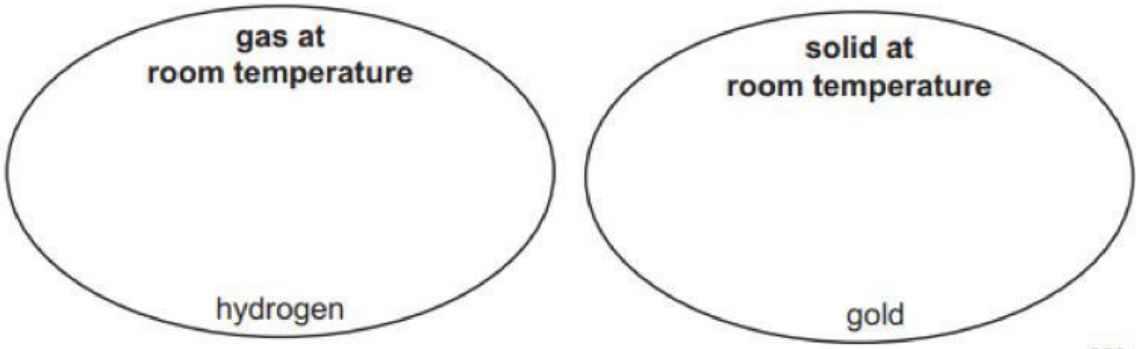
LIVEWORKSHEETS

6. Look at the table of properties of some substances.

substance	temperature substance changes from solid to liquid in °C	temperature substance changes from liquid to gas in °C
hydrogen	−260	−253
gold	1062	2000
carbon	3652	4827
copper	1085	2580
neon	−249	−246
lead	327	1755

(a) Room temperature is 25 °C.

Complete the diagram using carbon, copper, neon and lead.



[2]

(b) Which substance has the **lowest** boiling point?

..... [1]

(c) Complete the sentences to describe the difference between boiling and evaporation.

Boiling is .....

.....

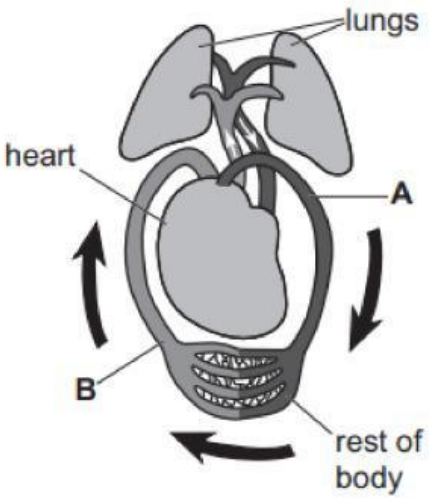
Evaporation is .....

.....

[2]

LIVEWORKSHEETS

7. The diagram shows a model of the human circulatory system.



The arrows show the direction of blood flow.

(a) Complete the sentences.

Choose from the list.

an artery **a capillary** **a circulation**

a system **a vein**

Blood vessel **A** is ..... .

Blood vessel **B** is ..... .

[1]

(b) Blood transports oxygen and waste.

Name **one other** thing transported by blood.

..... [1]

LIVEWORKSHEETS