Cambridge Assessment International Education

Science

Stage 4

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.

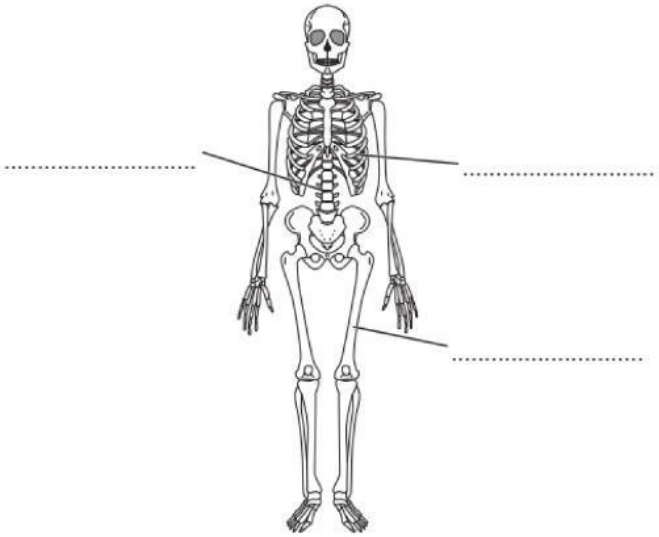
INFORMATION

- 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 human body has a skeleton.

(a) Complete the diagram by labelling the bones of the human body.



[2]

(b) Muscles work in pairs to move bones.

Tick (✓) **one** box that describes how muscles move bones in the body.

one muscle contracts and the other muscle relaxes	☐
one muscle stretches and the other muscle relaxes	☐
both muscles contract at the same time	☐
both muscles relax at the same time	☐

[1]

(c) Moving the body regularly benefits our health.

One benefit is a stronger heart.

Suggest **one other** health benefit of moving the body.

.....

..... [1]

LIVEWORKSHEETS

2. This question is about energy.

Tick (✓) to show if these sentences are **true** or **false**.

	true	**false**
Energy can be made.	☐	☐
Energy **cannot** be lost.	☐	☐
Energy **cannot** be destroyed.	☐	☐
Energy can be transferred.	☐	☐

[2]

3. Look at the picture of a firework display.

Fireworks transfer different types of energy into the environment.

Write down **two** of these types of energy.

1 .....

2 .....

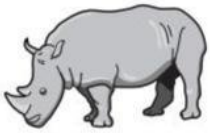
[2]

LIVEWORKSHEETS

4. Animals can be grouped into vertebrates and invertebrates.

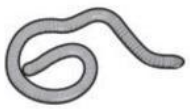
Look at the pictures.

lizard



rhino

ladybird



worm

fox

butterfly

Not drawn to scale

(a) Write down the names of each animal in the correct group.

vertebrate	invertebrate

[2]

(b) Some animals have a skeleton on the outside of their body.

Write down the name of this type of skeleton.

..... [1]

(c) One function of the skeleton is to help animals move.

Write down **one other** function of the skeleton.

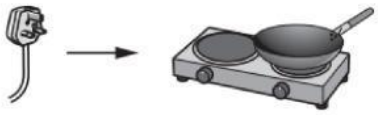
..... [1]

LIVEWORKSHEETS

5. Objects in the home transfer electrical energy into other types of energy.

Look at the pictures.

cooker

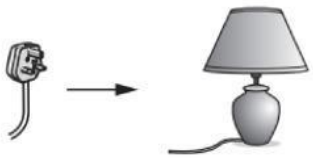


electrical energy → heat energy

television

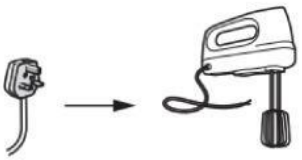
electrical energy → light, heat and sound energy

lamp



electrical energy → light and heat energy

food mixer



electrical energy → movement, heat and sound energy

(a) Which **one** type of energy do **all** four objects transfer electrical energy into?

..... [1]

(b) Which object transfers electrical energy into movement energy?

..... [1]

(c) Write down the name of **one** object **not** in the pictures that transfers electrical energy to sound energy.

..... [1]

LIVEWORKSHEETS

6. A baby is given medicine.

(a) Why is the baby given medicine?

.....

..... [1]

(b) The medicine in the syringe is a liquid.

Explain why this medicine must be a **liquid**.

.....

..... [1]

(c) Put the sentences in order.

Use numbers **1 2 3 4** and **5**.

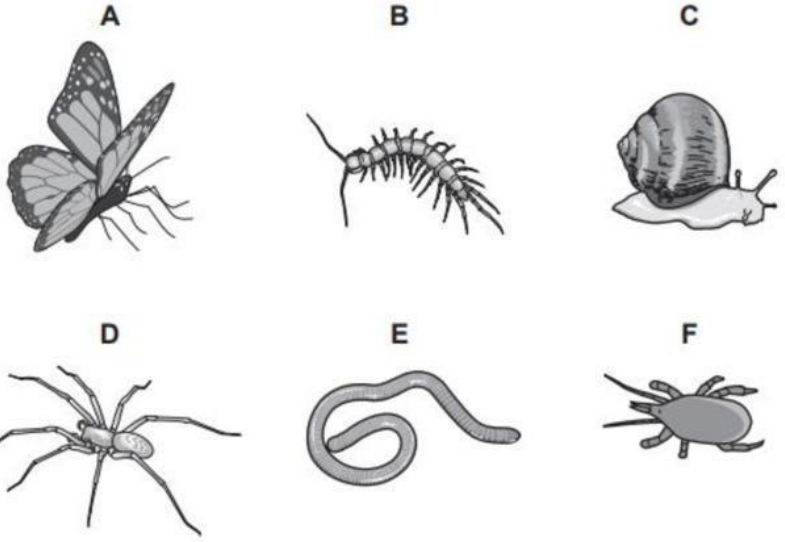
One has been done for you.

sentences	order
The mother takes the baby to the doctor.	
The temperature of the baby goes back to normal.	
The doctor gives the baby medicine.	
The baby has a high temperature.	**1**
The medicine goes into the baby's body.	

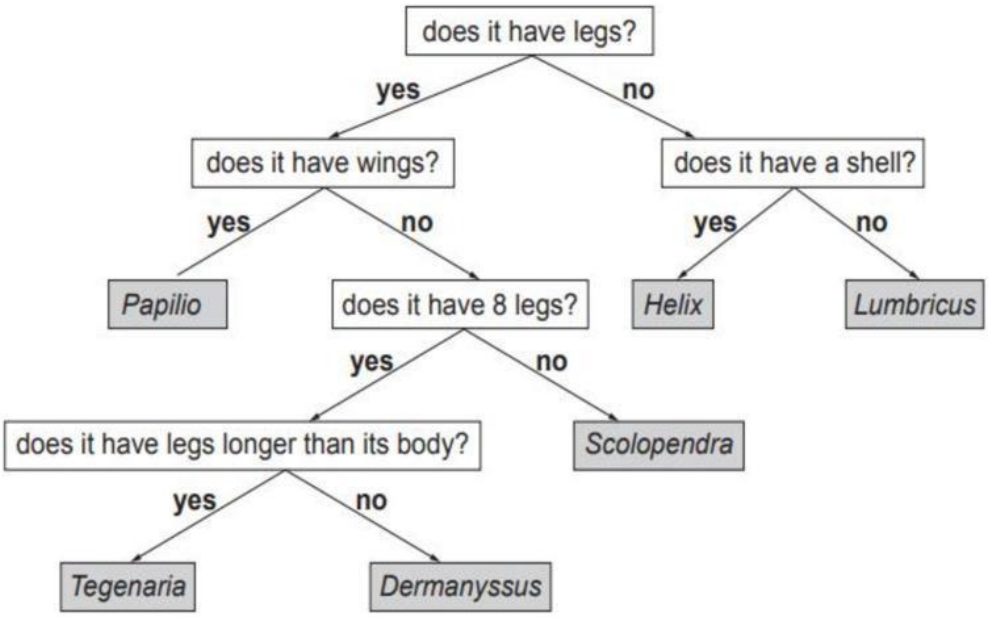
[2]

LIVEWORKSHEETS

7. Mia has pictures of six different animals.



A key can be used to identify these animals.



Use the key to identify the animals.

One has been done for you.

A .....

B .....

C .....

D .....

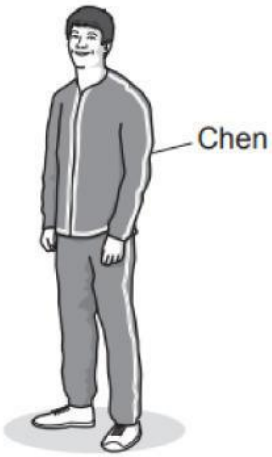
E .....

F ***Dermanyssus*** .....

[3]

LIVEWORKSHEETS

8. Chen is able to stand up, walk and run.



(a) His muscles help him to stand up.

What else is inside his body to help him stand up?

..... [1]

(b) Muscles help him move.

Which statement is true about muscles?

Circle the correct answer.

muscles are found in plants

muscles attach to skin

muscles do NOT grow

muscles do NOT move

muscles work in pairs

[1]

(c) Tick (✓) **one** box that describes how muscles move bones in the body.

one muscle contracts and the other muscle relaxes	☐
one muscle stretches and the other muscle relaxes	☐
both muscles contract at the same time	☐
both muscles relax at the same time	☐

[1]

LIVEWORKSHEETS