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.

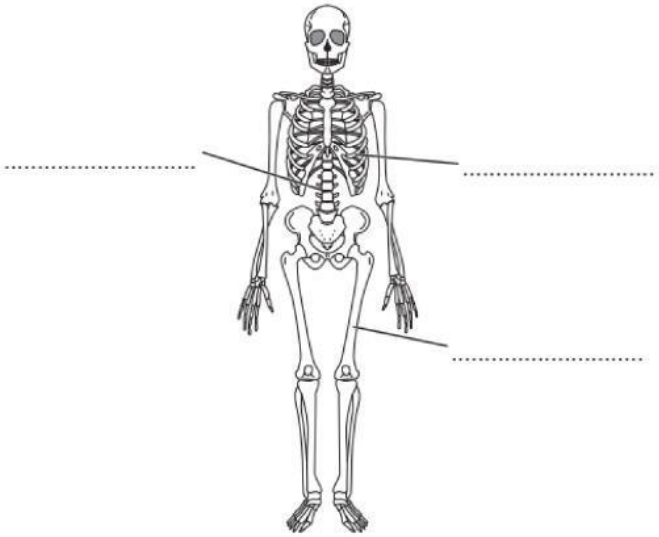
**INFORMATION**

- 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]

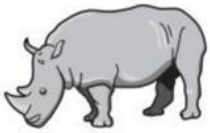
LIVEWORKSHEETS

4. Animals can be grouped into vertebrates and invertebrates.

Look at the pictures.



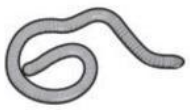
lizard



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.

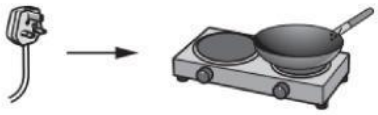
..... [1]

LIVEWORKSHEETS

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

Look at the pictures.

**cooker**



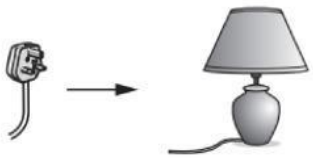
electrical energy → heat energy

**television**



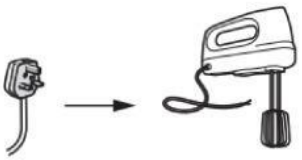
electrical energy → light, heat and sound energy

**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**.

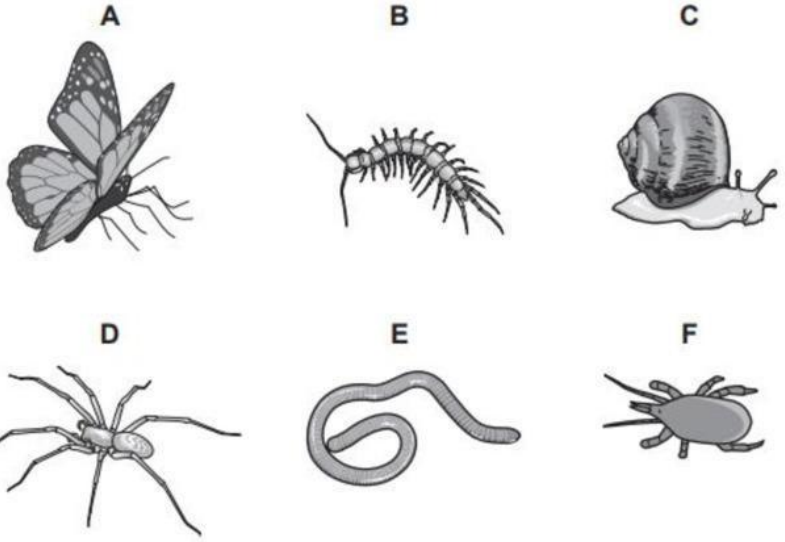
One has been done for you.

| 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. | |

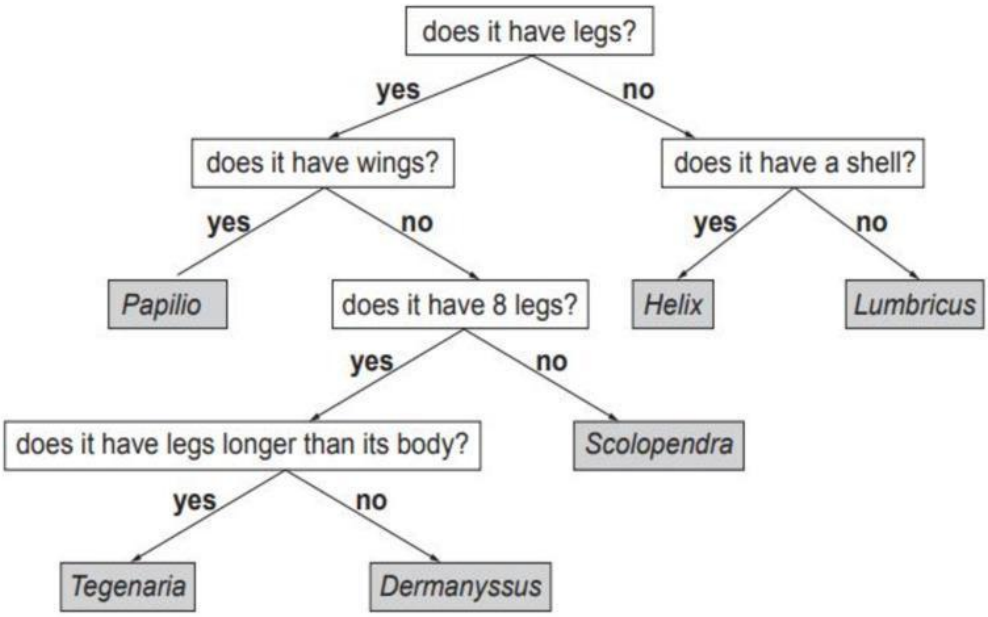
[2]

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** .....

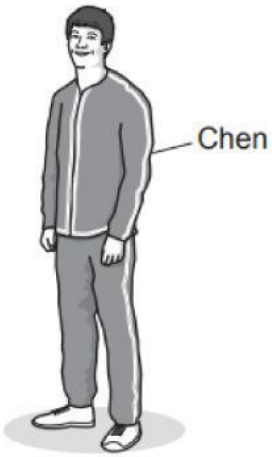
**E** .....

**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