Cambridge Assessment
International Education



Science

Stage 5

First Semester

Cambridge Primary Progression Test

Name

Class

Date

45 minutes

No additional materials are needed.

INSTRUCTIONS

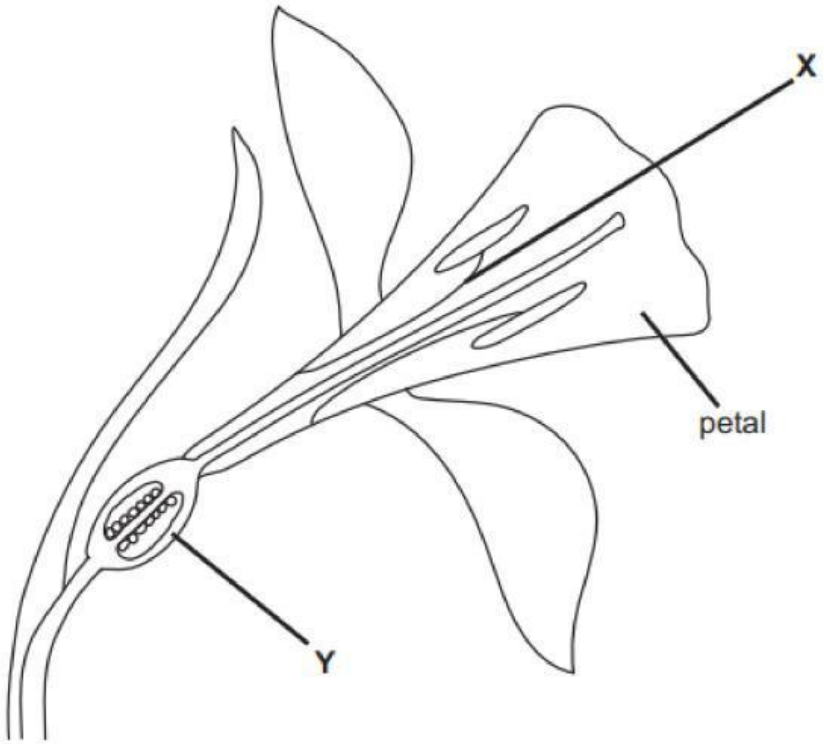
- Answer **all** questions.
- Write your answer to each question in the space provided.
- You should show all your working on the question paper.

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 diagram shows the structure of a flower.



(a) Name part **X** and part **Y**.

Choose from the list.

anther	**filament**	**ovary**
sepal	**stigma**	**style**

part **X** .....

part **Y** .....

[2]

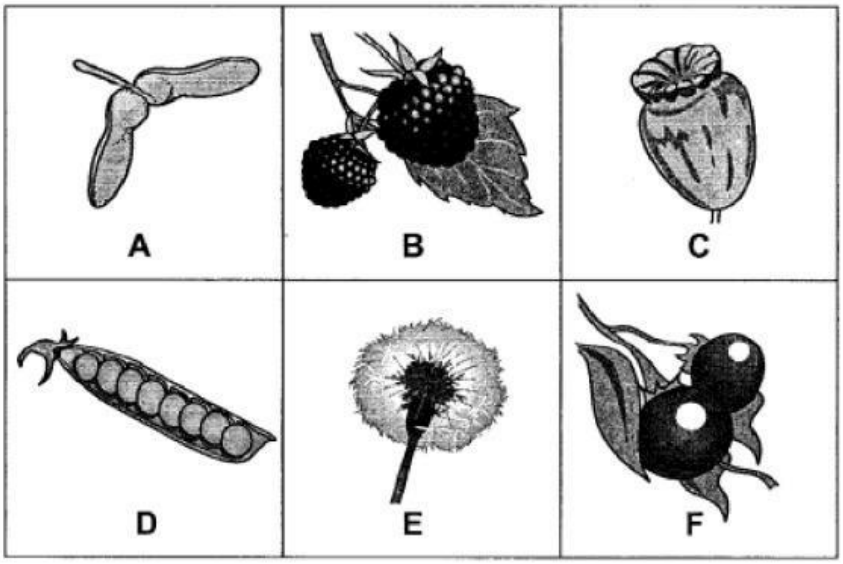
(b) What is the function of the petals?

.....

..... [1]

LIVEWORKSHEETS

2. There are many different types of seed.



(a) Two of these seeds are dispersed by the wind.

Which two seeds are dispersed by the wind?

Circle the correct answer.

A and C

A and E

C and D

D and F

E and F

[1]

(b) Explain why these two seeds are easily dispersed by the wind.

.....

.....

..... [2]

(c) Seed **B** is dispersed by an animal.

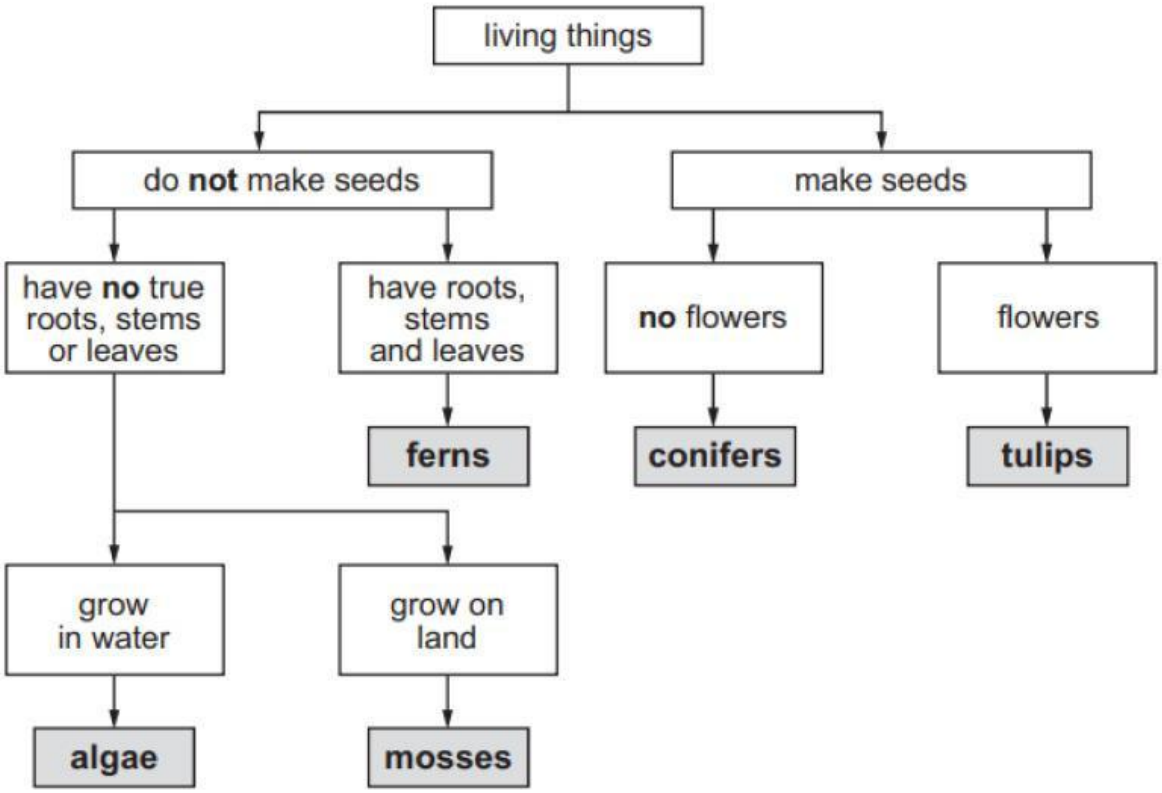
Describe how the animal disperses seed **B**.

.....

..... [1]

LIVEWORKSHEETS

3. Mike finds this key in a book.



Use the key to answer these questions.

(a) Complete the table to group the living things into those that do **not** make seeds and those that make seeds.

do not make seeds	**make seeds**

[1]

(b) Which living thing in the key has flowers?

..... [1]

(c) Describe **one** difference between algae and mosses.

.....

..... [1]

LIVEWORKSHEETS

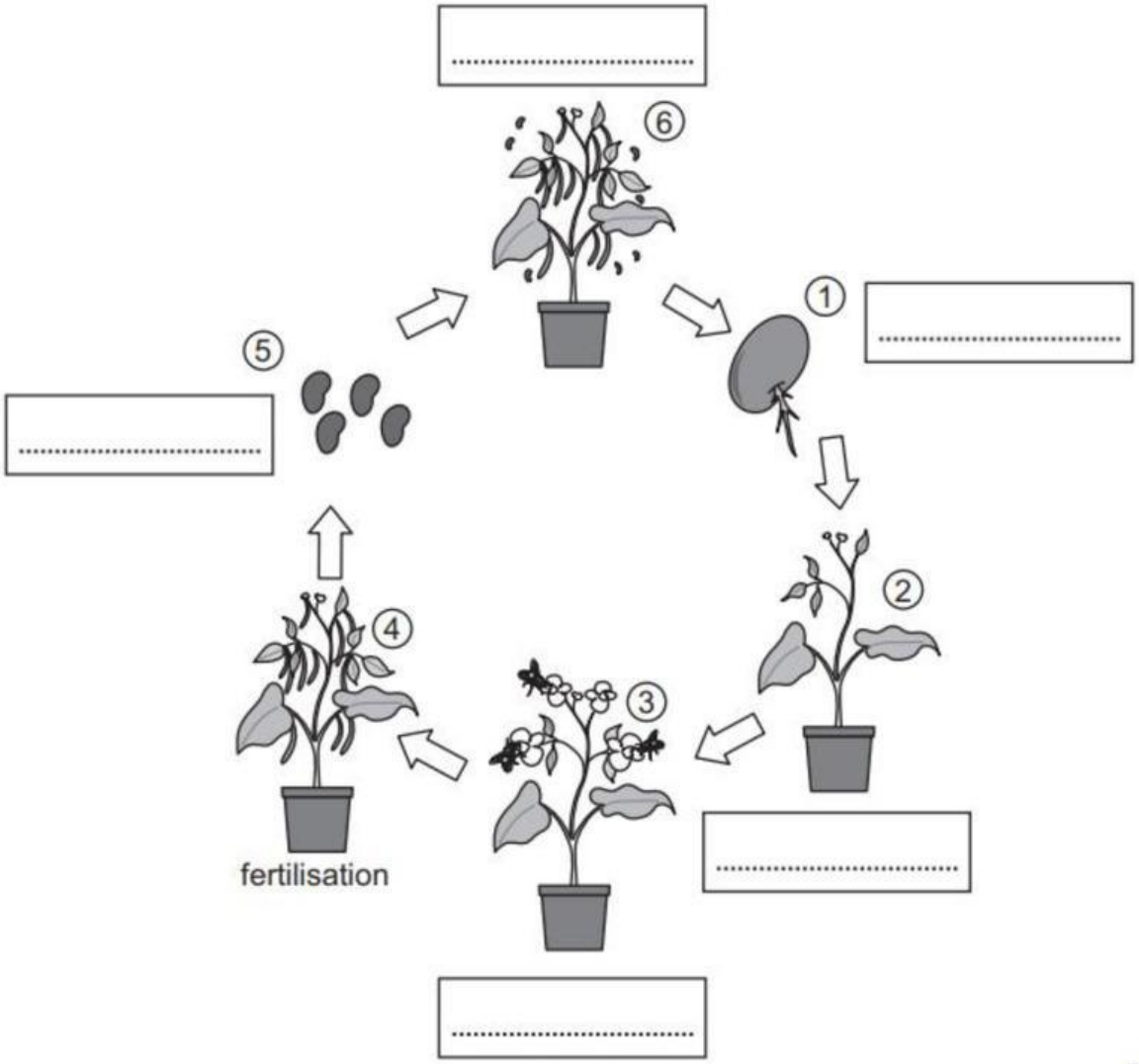
4. Flowering plants have a life cycle.

Complete the stages in the life cycle.

One has been done for you.

Choose from the following words.

germination **growth** **pollination** **seed dispersal** **seed production**



[2]

Complete the sentence about pollination.

During pollination, pollen moves from the ..... of one flower to the ..... of a different flower.

[2]

LIVEWORKSHEETS

5. Lily investigates how different surfaces affect the loudness of sound.

She drops a pen onto a surface and listens to the sound it makes.

Lily describes the loudness of the sound using numbers.

Number 1 is the quietest and number 10 is the loudest.

Here are her results.

surface	loudness of sound
A	8
B	3
C	9
D	3
E	1

(a) Which surface made the **loudest** sound?

Circle the correct answer.

A **B** **C** **D** **E**

[1]

(b) Complete these sentences about sound.

Sound is made when an object .....

Loud and quiet describe the volume of a sound.

High and low describe the ..... of a sound.

[2]

LIVEWORKSHEETS

6. Ali plays the trombone.

He wants to measure how loud it is.



(a) Circle the correct piece of equipment he could use.

force meter

ruler

scales

sound meter

thermometer

[1]

LIVEWORKSHEETS

(b) Ali investigates the loudness of some instruments.

Here are his results.

instrument	sound level
cymbals	130
french horn	100
piano	65
trombone	85

(i) Which unit does Ali measure sound in?

..... [1]

(ii) What instrument has the loudest sound?

..... [1]

(iii) Which instrument is quieter than the trombone?

..... [1]

LIVEWORKSHEETS

7. Sanjay's school is building a music room next to the library.

The school wants to stop the sound from the music room disturbing the library.

They are going to cover the walls with a material.

The material must not let sound travel through it easily.

(a) What is the name of this type of material?

Circle the correct answer.

conductor **hard** **insulator** **soft** **strong** [1]

(b) Which material should they use?

Circle the correct answer.

cotton **paint** **paper** **wood** [1]

8. This question is about sound.

Decide if these statements are **true** or **false**.

Tick (✓) the correct box next to each statement.

	true	**false**
Sound can travel through air.	☐	☐
Sound travels as vibrations.	☐	☐
Sound travels at the same speed in all materials.	☐	☐
We hear sounds when vibrating air hits our eardrums.	☐	☐

[2]

LIVEWORKSHEETS