

Name: .....

Class: .....

**MOCK TEST 1**

**Time allowance: 35 minutes**

**1. Match the picture with the correct description.**

- |                                                                                               |                                                                                                                |
|-----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| <p>a. </p>   | <p>•</p> <p>• <b>A.</b> They help move pollen from the anther to the stigma.</p>                               |
| <p>b. </p>   | <p>•</p> <p>• <b>B.</b> It is colourful to attract insects.</p>                                                |
| <p>c. </p>  | <p>•</p> <p>• <b>C.</b> It is a stage in the life cycle of a plant. We can see the first shoots and roots.</p> |
| <p>d. </p> | <p>•</p> <p>• <b>D.</b> It produces pollen.</p>                                                                |

**2. Read the statement. Choose True or False.**

- |                                                                        |             |              |
|------------------------------------------------------------------------|-------------|--------------|
| a. Transparent objects make better shadows.                            | <b>True</b> | <b>False</b> |
| b. If the plant is pot-bound, it has healthy and strong roots.         | <b>True</b> | <b>False</b> |
| c. The Moon reflects light from the Sun.                               | <b>True</b> | <b>False</b> |
| d. Plants need all their major parts to be healthy to grow well.       | <b>True</b> | <b>False</b> |
| e. Plants that like hot temperatures cannot grow well in cold weather. | <b>True</b> | <b>False</b> |

**3. Choose the correct answer.**

- a. Which statement is TRUE about flowers pollinated by insects?
- A. Flowers can be bright colours.
  - B. Only insects can pollinate flowering plants.
  - C. Petals are small.
  - D. Stems are soft and bend easily.
- b. What do the anthers in the plant do?
- A. Attract insects.
  - B. Provide food for insects.
  - C. Produce pollen.
  - D. Make food for the plant.
- c. Which objects will create the darkest shadow?
- A. Transparent objects.
  - B. Translucent objects.
  - C. Opaque objects.
  - D. All of the above.
- d. There is a mirror in Peter's room. He closes all the doors and turns off the light.

Which sentence is TRUE?

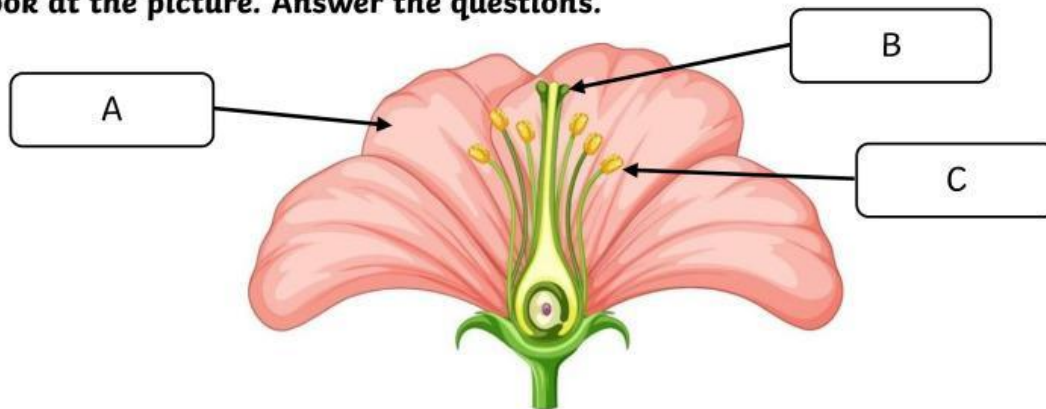
- A. The mirror becomes the main source of light.
- B. Peter cannot see the mirror.
- C. The mirror becomes bigger.
- D. He can see his reflection in the mirror.

**4. Fill in the gaps to complete the sentences using the words in the box.**

|        |        |        |        |
|--------|--------|--------|--------|
| stigma | pollen | anther | petals |
|--------|--------|--------|--------|

- a. Flowers have colourful ..... to attract insects.
- b. The ..... produces pollen.
- c. Some insects move ..... from the anther to the stigma.
- d. The ..... receives pollen.

5. Look at the picture. Answer the questions.



a. Name parts A, B, and C.

Part A: .....

Part B: .....

Part C: .....

b. State the function of part A.

.....

6. Look at the pictures of the stages in a plant's life cycle.

a. Use the words in the box to label each stage, and put them in the correct order.

The first one is done to help you.

|      |             |             |          |
|------|-------------|-------------|----------|
| Seed | Young plant | Adult plant | Seedling |
|------|-------------|-------------|----------|



*Young plant*  
.....  
.....3.....

.....  
.....

.....  
.....

.....  
.....

**b. Describe what happens during the seedling stage.**

At the seedling stage, we start to see the first ..... and .....

**7. John plants four plants of the same type and height in three different pots. He needs to investigate which plant can grow taller.**

**He puts pot A in a sunny place and waters it twice a week.**

**He puts pot B in a shady place and waters it twice a week.**

**He puts pot C in a sunny place, but does not water it.**

**He puts pot D under the bed and waters it twice a week.**



**Read the result and answer the questions.**

| Name                  | How the plants look             | Height (cm) |        |        |
|-----------------------|---------------------------------|-------------|--------|--------|
|                       |                                 | Week 1      | Week 2 | Week 3 |
| <b>Plant in pot A</b> | Green and healthy               | 6           | 18     | 25     |
| <b>Plant in pot B</b> | Lighter green and quite healthy | 6           | 12     | 18     |
| <b>Plant in pot C</b> | Dry and brown                   | 6           | 6      | 6      |
| <b>Plant in pot D</b> | Thin and weak                   | 6           | 8      | 12     |

**a. Which plant grows the best?**

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**b. Why does the plant in pot D look thin and weak?**

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