



SCIENCE YEAR 5

QUIZ 2 REVISION WORKSHEET



Topic: Life Cycle

Name: _____ Class: _____ Date: _____

PAGE 1 — SEXUAL & ASEXUAL REPRODUCTION IN PLANTS

1 Sort and Classify [6 marks]

Sort the words into the correct groups.

Word Bank

seed formation

runner

tuber

pollination

cutting

fertilisation

SEXUAL REPRODUCTION

ASEXUAL REPRODUCTION

3 Put the Steps in Order [5 marks]

Number the steps from 1 to 5.

- ☐ The ovary becomes a fruit.
- ☐ Pollen reaches the stigma.
- ☐ The ovule becomes a seed.
- ☐ The male cell joins the ovule.
- ☐ A pollen tube grows down the style.

2 Match the Meaning [4 marks]

Match each word to its meaning. Draw lines.

pollen

a. the joining of the male and female cells

ovule

b. the tiny grains made by the anther

pollination

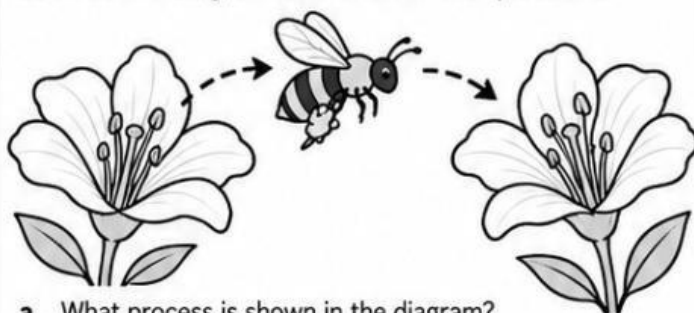
c. the female part that can become a seed after fertilisation

fertilisation

d. the transfer of pollen from anther to stigma

4 Look at the Diagram [3 marks]

Look at the diagram and answer the questions.



- a. What process is shown in the diagram?
- b. Why is this process important for sexual reproduction in plants?

5 Complete the Comparison Table [6 marks]

Fill in the table to compare sexual and asexual reproduction in plants.

Feature	Sexual Reproduction	Asexual Reproduction
Number of parent plants		
Are seeds produced?		
Give one example		

6 Apply Your Knowledge [6 marks]

- a. A gardener grows a new rose plant from a stem cutting. Is this sexual or asexual reproduction? Explain why.
- b. A sunflower forms seeds after pollination and fertilisation. How is this different from growing a new plant from a runner?

