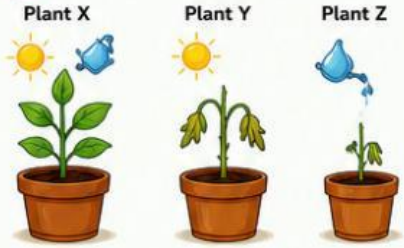
GRADE 5 LIFE SCIENCE
MINI TEST – SET 3

TOPIC: Life Processes & Living Things | **TIME:** 15–20 Minutes | **TOTAL QUESTIONS:** 10 MCQs

1 Needs of Plants

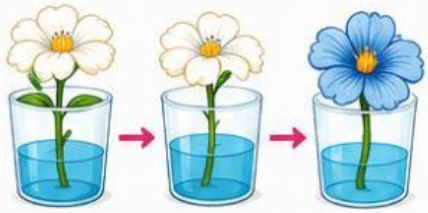


Experiment Description:
Three similar plants were grown for 2 weeks.
- Plant X – sunlight and water
- Plant Y – sunlight only
- Plant Z – water only

Which plant will grow best?

A. Plant X
B. Plant Y
C. Plant Z
D. All plants equally

2 Water Transport in Plants

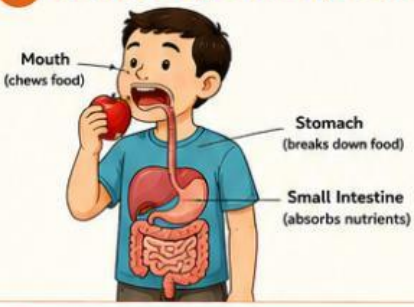


Experiment Description:
A white flower was placed in blue-colored water. After some time, the petals turned blue.

This experiment shows that _____.

A. flowers make their own food
B. water moves through the plant
C. blue color is better for flowers
D. roots are not important

3 Human Digestive System



Which organ breaks down food using stomach acid?

A. Mouth
B. Stomach
C. Small Intestine
D. Large Intestine

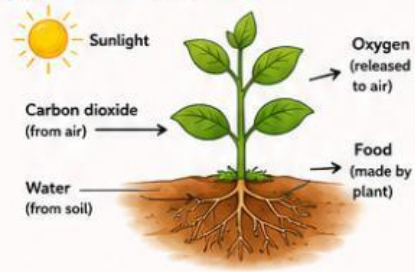
4 Animal Classification

Shark	Crocodile	Bat	Penguin
(Fish)	(Reptile)	(Mammal)	(Bird)

Which animal is a mammal?

A. Shark
B. Crocodile
C. Bat
D. Penguin

5 Photosynthesis



During photosynthesis, plants make food using:

A. only water
B. only sunlight
C. sunlight, water and carbon dioxide
D. soil and oxygen

6 Germination Investigation

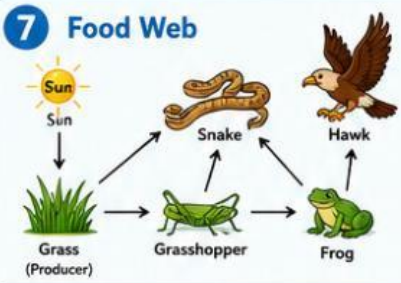
Cup A	Cup B
(wet cotton)	(dry cotton)

Experiment Description:
Seeds were placed in two cups.
- Cup A – wet cotton
- Cup B – dry cotton

What will most likely happen?

A. Seeds grow in both cups
B. Seeds grow only in Cup A
C. Seeds grow only in Cup B
D. Seeds do not grow in any cup

7 Food Web



If grasshoppers disappear, which animal will be most affected?

A. Grass
B. Frog
C. Snake
D. Hawk

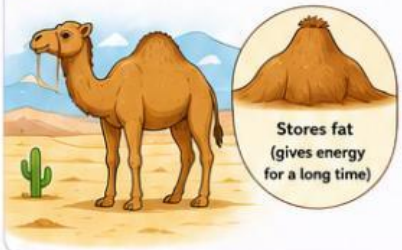
8 States of Matter

Ice	Water	Water Vapor
(Solid)	(Liquid)	(Gas)

Which change shows liquid turning into gas?

A. Ice melting
B. Water freezing
C. Water boiling
D. Steam condensing

9 Adaptations



Why do camels have humps on their backs?

A. To carry heavy loads
B. To store fat for energy
C. To keep them cool
D. To help them fly

10 Fair Test Investigation

Group A	Group B
(Soil X)	(Soil Y)

Experiment Description:
Two groups of beans were grown for 2 weeks. Only the type of soil was changed. All other conditions (water, sunlight, pots) were kept the same.

What is the independent variable?

A. Amount of sunlight
B. Type of soil
C. Amount of water
D. Plant height

ANSWER KEY

1. A | 2. B | 3. B | 4. C | 5. C | 6. B | 7. B | 8. [illegible] | 9. [illegible] | 10. [illegible]

LIVEWORKSHEETS