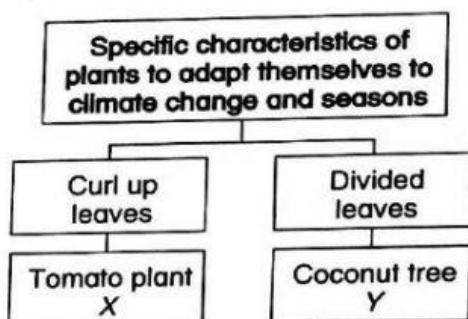


**SJK(T) MASAI  
SCIENCE  
YEAR 5  
REVISION**

**Paper 1**

1 Diagram 1 shows a plant classification.

**HOTS**



**Diagram 1**

What are plants X and Y?

|   | <b>X</b>    | <b>Y</b>    |
|---|-------------|-------------|
| A | Maize plant | Bamboo      |
| B | Cactus      | Maize plant |
| C | Bamboo      | Cactus      |
| D | Cactus      | Bamboo      |

2 Diagram 2 shows a type of seed.



Which characteristic allows the seed to be dispersed by the wind?

- A Waterproof
- B Light
- C Winged structure
- D Eye catching colour

3

Aina identifies different types of fruit from its smells.

Which sensory organ is used by Aina?

- A Skin
- B Nose
- C Tongue
- D Eyes

4

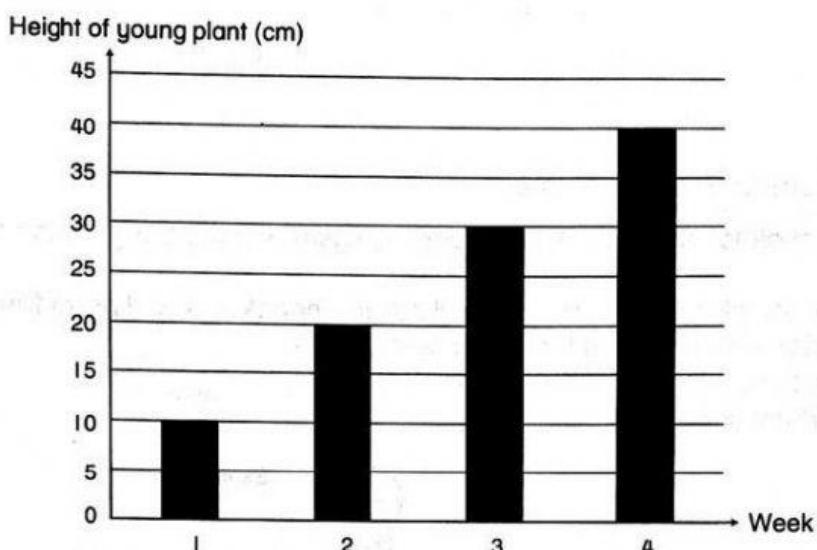
The higher number of dry cells in a circuit, the brighter the bulb.

Based on the statement above, what is the manipulated variable?

- A Number of connecting wires
- B Number of dry cells
- C Brightness of the bulb
- D Type of circuit

## Paper 2

The diagram below shows a bar chart on the growth of a young plant in four weeks.

Unit  
1

(a) What is the aim of the investigation?

---

---

[1 mark]

(b) Based on the diagram, state:

(i) the manipulated variable

---

---

[1 mark]

(ii) the responding variable

---

---

[1 mark]

(c) Predict what will happen if the young plant is not watered during the fourth week.

HOTS

---



Scanned with CamScanner

[1 mark]

### Paper 1

1 Diagram 1 shows a porcupine fish with its sharp spines.

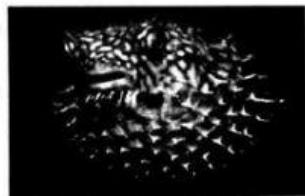


Diagram 1

Why does the porcupine fish have sharp spines?

- A To frighten other animals
- B To swim faster
- C To injure the enemies that come near it
- D To change its body colour

2 Diagram 2 shows the behaviour of a hen.



Diagram 2

What is the purpose of the hen's behaviour that shown in the diagram?

- A Competition
- B Cooperation
- C Survival of the species
- D Food relationship

3 How does an octopus ensure the survival of its species?

- A Camouflage
- B Bad smell
- C Curl up the body
- D Release black ink

4 Diagram 3 shows a food web in a habitat.

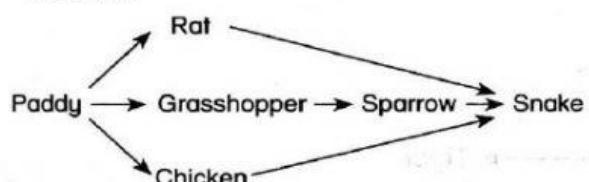


Diagram 3

How many herbivores are involved in this food web?

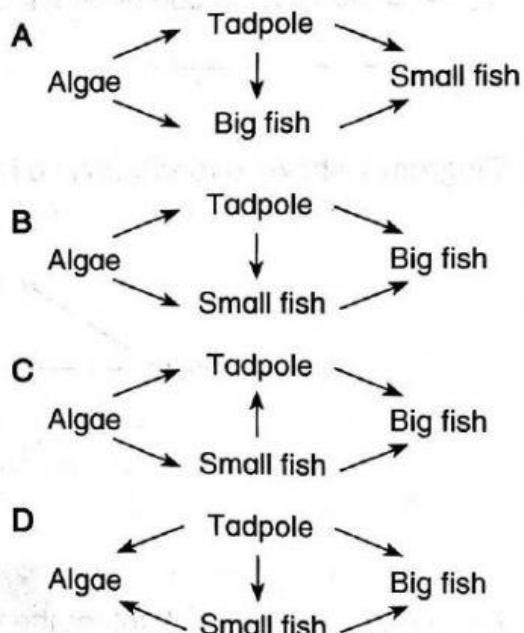
- A 1
- B 2
- C 3
- D 4

Scanned with CamScanner

5 The following statement notes the interaction among living things.

- Tadpole eats algae
- Big fish eats tadpole and small fish
- Small fish eats algae and tadpole

Which of the following food webs represents the above statements?



2 Diagram 1 shows a food web in a habitat.

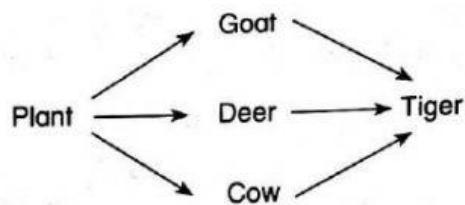


Diagram 1

(a) Name a suitable habitat for the food web in Diagram 1.

[1 mark]

(b) How many food chains are there in the food web in Diagram 1?

[1 mark]

(c) What will happen if the tiger population increases?

[1 mark]

(d) Give an inference based on the answer in 2(c). **HOTS**



Scanned with CamScanner

[1 mark]