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

**Paper 1**

1 Diagram 1 shows a plant classification. HOTS

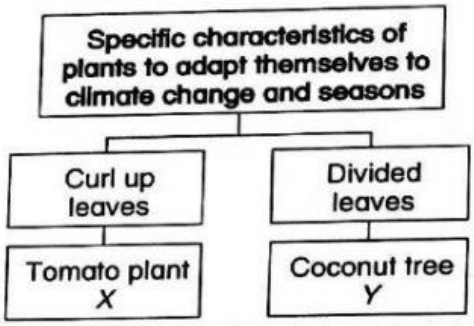


**Diagram 1**

What are plants *X* and *Y*?

| | *X* | *Y* |
|---|---|---|
| **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

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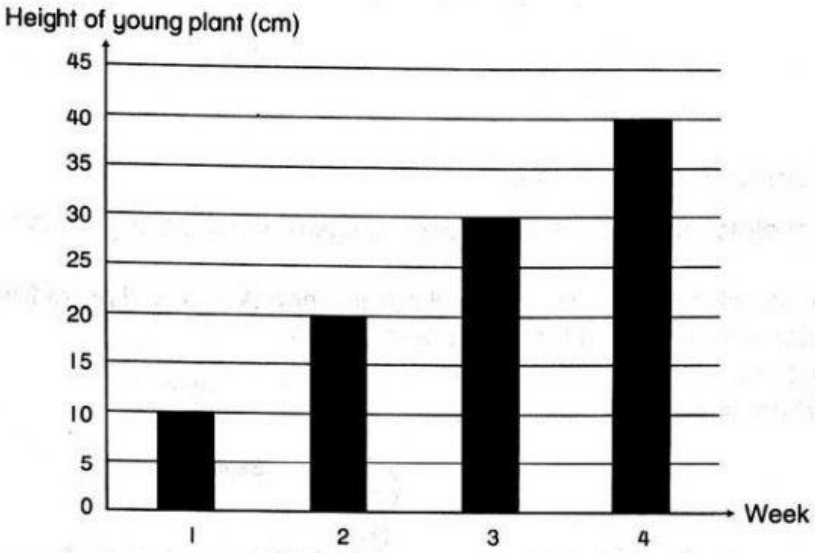
**Paper 2**

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




(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 Analysing

[1 *mark*]

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LIVEWORKSHEETS

## Paper 1

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

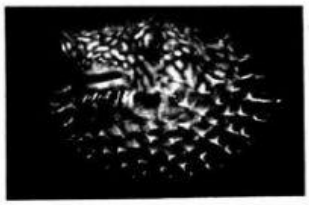

Diagram 1

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.

Incubate eggs Protect the young

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.

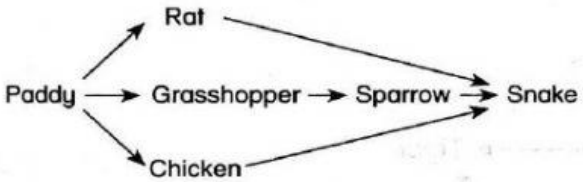


Diagram 3

How many herbivores are involved in this food web?

A 1 C 3

B 2 D 4

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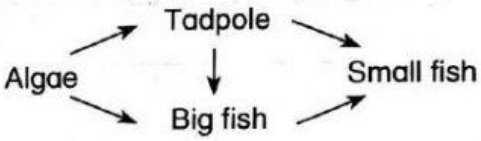
5 The following statement notes the interaction among living things.

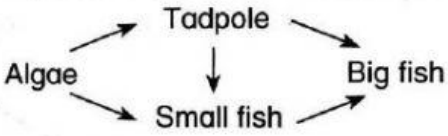
- Tadpole eats algae
- Big fish eats tadpole and small fish
- Small fish eats algae and tadpole

Which of the following food webs represents the above statements?

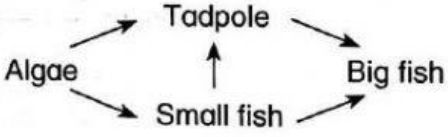
A



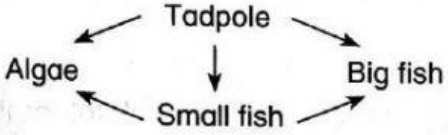

B




C




D

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Unit 3

2 Diagram 1 shows a food web in a habitat.

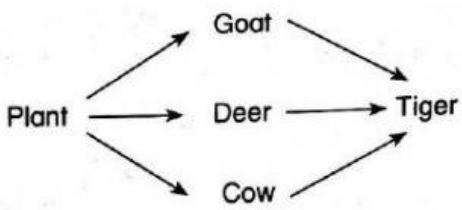


Diagram 1

(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 Analysing

_____

[1 *mark*]

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