

SJK(T) MASAI SCIENCE YEAR 5 REVISION

Paper I

1 Diagram 1 shows a plant classification. **HOTS** *Analysis*

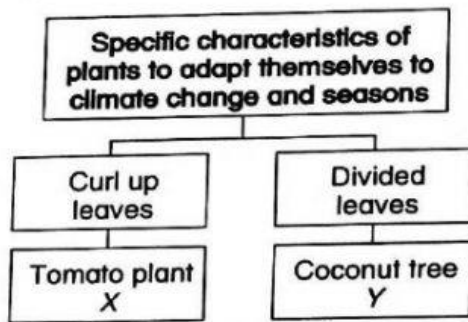


Diagram 1

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

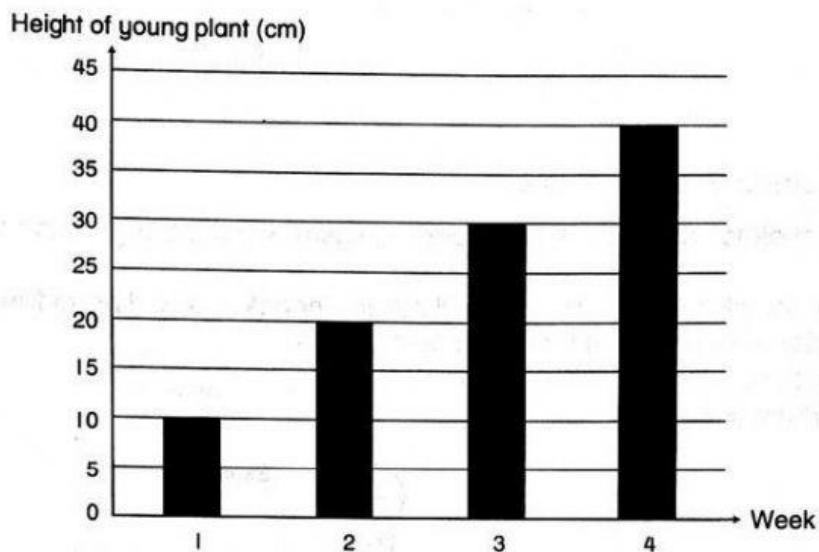
The higher number of dry cells in a circuit, the brighter the bulb.

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

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 *Analyzing*

[1 mark]

Paper I

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

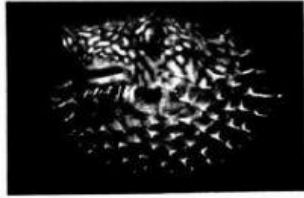


Diagram 1

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.

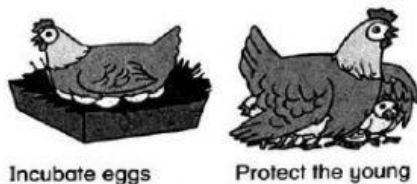


Diagram 2

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.

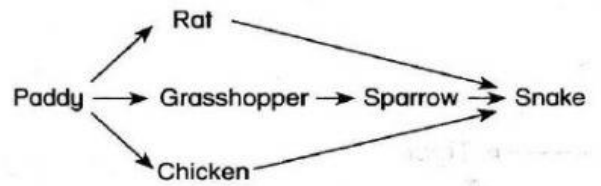


Diagram 3

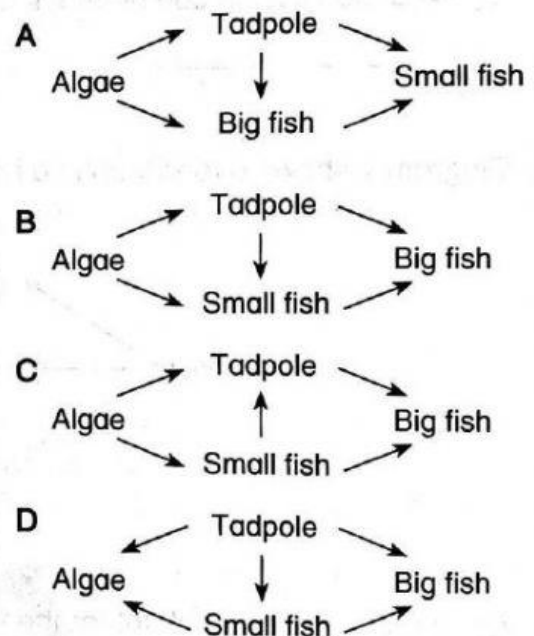
How many herbivores are involved in this food web?

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

- 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.

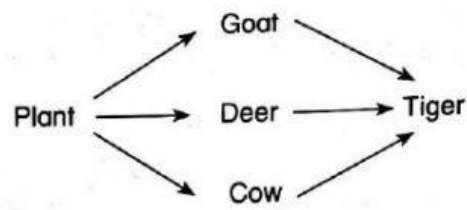


Diagram 1

(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**



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_____ [1 mark]