SJK(T) MASAI
SCIENCE
YEAR 5
REVISION

Paper 1

1 Diagram 1 shows a plant classification. HOTS Analysing

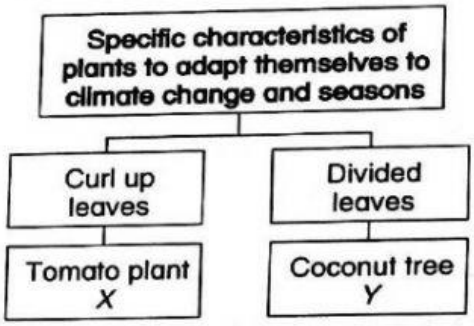


Diagram 1

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.

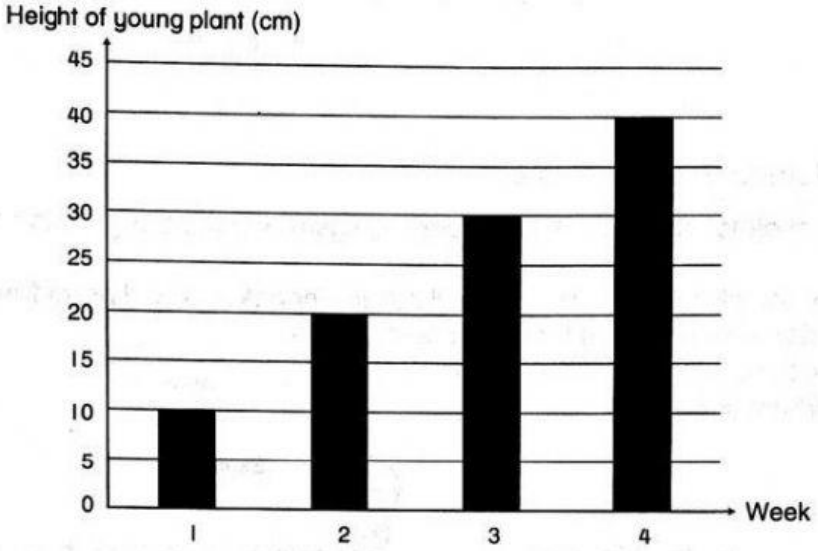
Based on the statement above, what is the manipulated variable?

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

LIVEWORKSHEETS

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 I

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

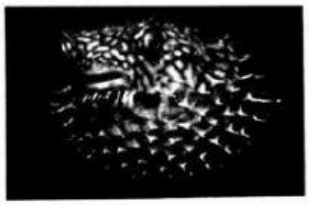

Diagram 1

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.

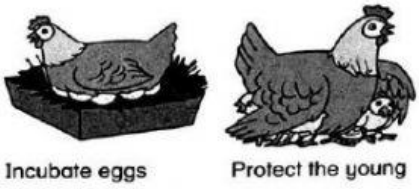

Diagram 2

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.

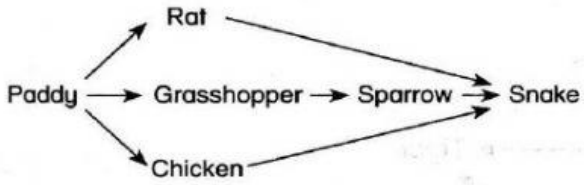

Diagram 3

How many herbivores are involved in this food web?

A 1 C 3

B 2 D 4

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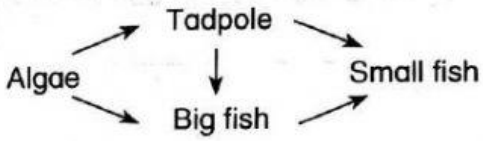
5 The following statement notes the interaction among living things.

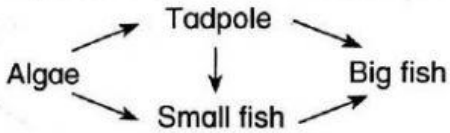
- Tadpole eats algae
- Big fish eats tadpole and small fish
- Small fish eats algae and tadpole

Which of the following food webs represents the above statements?

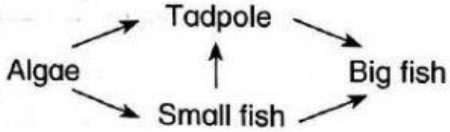
A



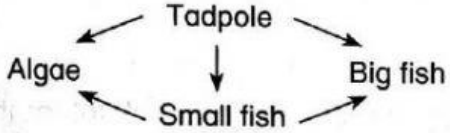
B



C



D



LIVEWORKSHEETS

Unit 3

2 Diagram 1 shows a food web in a habitat.

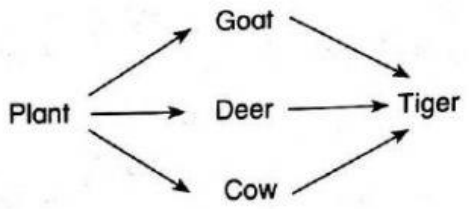


Diagram 1

(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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LIVEWORKSHEETS