Nan Hua Primary School
Primary 5 Science
Term 2 Weighted Assessment 2025

Marks	
Section A:	/ 10
Section B:	/ 10
Total:	**/ 20**

Name: _____ ( )

Class: Primary 5S _____

Date: _____

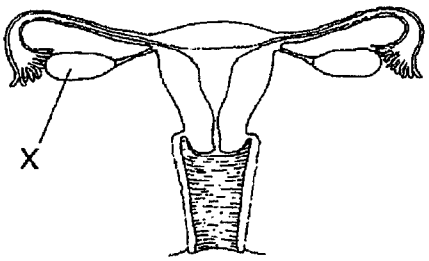
Duration: 30 minutes

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Parent's Signature

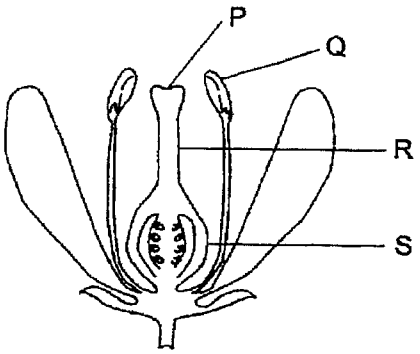
Answer all questions

Section A: (5 x 2 marks = 10 marks)
For each question from 1 to 5, four options are given. One of them is the correct answer. Make your choice (1, 2, 3 or 4) and write your answer in the brackets provided.

1 The diagrams below show the reproductive systems of a human and a plant.



human



plant

Which part in the reproductive system of the plant has a similar function as part X in the reproductive system of the human?

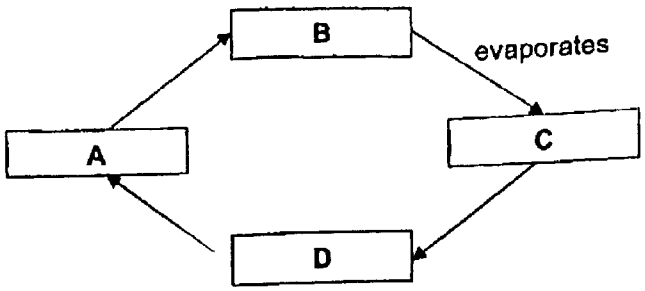
(1) P
(2) Q
(3) R
(4) S

( )

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2 The diagram below represents the water cycle.



	A	B	C	D
(1)	rain	cloud	water	water vapour
(2)	rain	water	water vapour	cloud
(3)	cloud	water	water vapour	rain
(4)	water vapour	cloud	rain	water

(

3 Ravi placed two identical cups near a window where there was sunlight. He filled one cup completely with liquid S and filled the other cup completely with liquid T The next day, he observed that the cups were no longer full.

What can Ravi conclude from his observation?

A Liquid T evaporates faster than liquid S.

B Both liquids evaporate.

C Both liquids need sunlight for evaporation.

D Both liquids will evaporate faster if there is wind.

(1) B only
(2) B and C only
(3) C and D only
(4) A, B, C and D

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4 The table shows the freezing point and boiling point of two substances, X and Y.

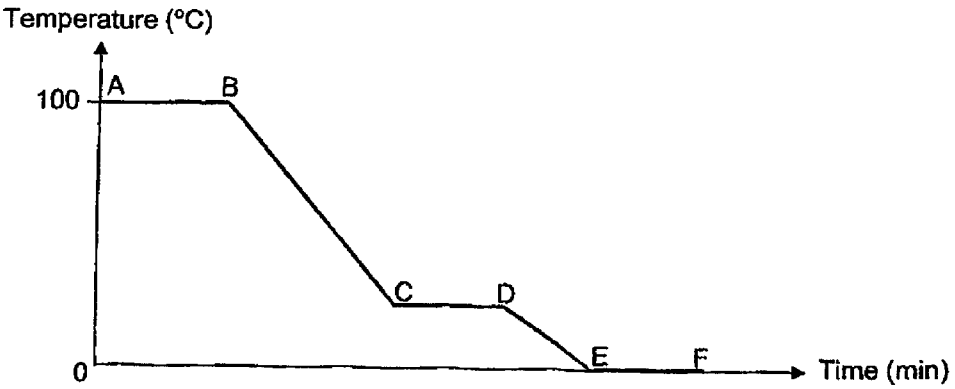
Substance	Freezing point (°C)	Boiling point (°C)
X	63	125
Y	145	210

Which of the following shows the correct state of substances X and Y at 120°C?

	State of substances at 120°C	
	X	Y
(1)	solid	solid
(2)	solid	liquid
(3)	liquid	solid
(4)	liquid	liquid

( )

5 The graph below shows the change in temperature of a container of water over some time.



Based on the graph above, which one of the following statements is correct?

(1) The water was losing heat at Point E.
(2) There was no evaporation between BC.
(3) The water was changing from liquid to solid at CD.
(4) The water did not lose heat or gain heat between AB. ( )

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Section B: Structured questions (10 marks)

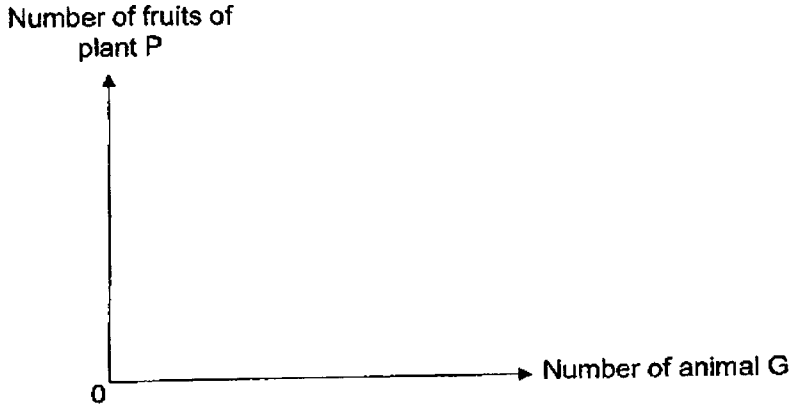
For questions 6 to 8, write your answers in the space provided. The number of marks available is shown in brackets [ ] at the end of each question or part question.

6 In a garden, there are only plant P, animal G and animal H. Animal G only feeds on the nectar of the flowers of plant P. Animal H only eats the fruits of plant P.

(a) State a possible characteristic of the fruit of plant P. [1]

_____

(b) In the graph below, draw a line to show how the number of animal G affects the number of fruits of plant P. [1]



(c) Plant P covered a wider area in the garden after some time. Explain why. [1]

_____

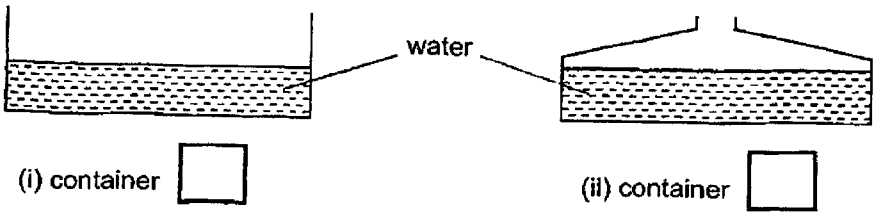
SCORE	/ 3

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7 Billy poured 80 mℓ of water into two containers, J and K. He left them side by side on the kitchen table. He measured the amount of water left in the containers after a few hours. The results are as shown in the table below.

	Volume of water at the start (mℓ)	Volume of water in the end (mℓ)
Container J	80	55
Container K	80	32

(a) Based on the results above, label the containers below by writing J or K in the boxes provided. [1]



(b) Explain your answer in (a). [1]

_____

_____

(c) Explain why placing containers J and K side by side at the same location makes Billy's investigation a fair one. [1]

_____

_____

SCORE 3

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8 (a) State what boiling means. [1]

Aisha brushed her teeth in front of a mirror as shown in Diagram 1. After she took a hot shower, the mirror became foggy as shown in Diagram 2.

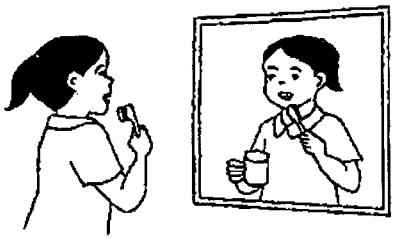


Diagram 1

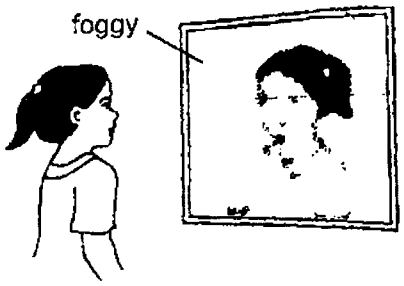


Diagram 2

(b) Explain how the mirror became foggy. [2]

(c) Aisha opened the bathroom door. She realised that the mirror became clear again on its own after some time. Give a reason for this. [1]

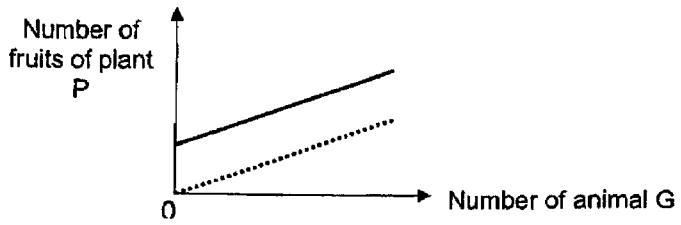
End of Paper

SCORE	4

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NAN HUA PRIMARY SCHOOL
PRIMARY 5 SCIENCE
TERM 2 WEIGHTED ASSESSMENT 2025
MARK SCHEME

Qn	Correct Answer
1	4
2	2
3	1
4	3
5	1

Qn	Correct/Acceptable Answers
6a	**Fleshy** OR **juicy**
6b	
6c	After animal H eats the fruits, it **throws/spits the seeds in other parts of garden** and the **seeds germinated** OR When animal H eats the fruits / swallows the **seeds which are later passed out in their dropping in other parts of the garden** and the **seeds germinated**
7a	(i) K (ii) J
7b	Container K's **opening is bigger**, so **more water vapour can escape.** Water in container K has a **bigger exposed surface area** than water in container J so **rate of evaporation of water** in K is **higher.**
7c	Ensure that **temperature of surrounding is the same.** OR Ensure that **speed of wind is the same.**
8a	Boiling is a process where **liquid gains heat and changes into gas at a fixed temperature.**
8b	- **Warm water** (from hot shower) **evaporates into water vapour.** OR - **Water vapour in the air gains heat from hot water.** Then **warm water vapour touches the cooler mirror, lost heat** and **condense** into water droplets
8c	Water **gained heat from the surroundings** and **evaporated.**

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