Tao Nan School

Primary 4 Science
2025 Weighted Assessment 1

Section A	12
Section B	8
Total	20

Name: _____ ( ) **Date:** _____

Class: _____ **Parent's signature:** _____

Section A (6 x 2 marks)

For each question from 1 to 6, four options are given. One of them is the correct answer. Make your choice (1, 2, 3 or 4) and write it in the brackets provided.

(12 marks)

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1. The digestive system works together with another human system to push food from the mouth to the stomach. Which of the following systems plays that role?

   (1) Skeletal system

   (2) Muscular system

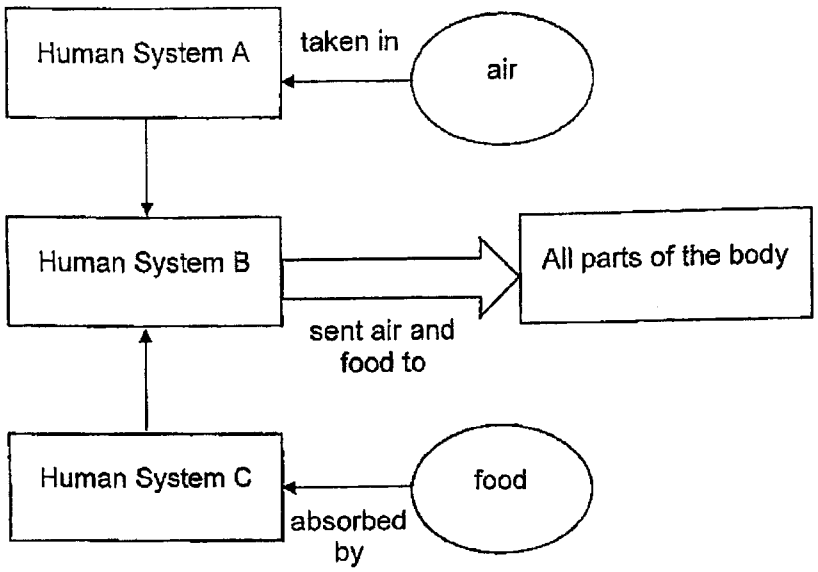
   (3) Circulatory system

   (4) Respiratory system

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2. The diagram below shows three different human systems with different functions.



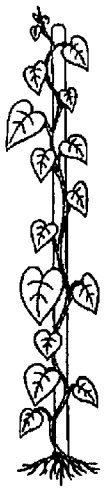
Identify Human Systems A, B and C.

	Human System A	Human System B	Human System C
(1)	Respiratory system	Muscular system	Digestive system
(2)	Circulatory system	Digestive system	Respiratory system
(3)	Respiratory system	Circulatory system	Digestive system
(4)	Skeletal system	Muscular system	Digestive system

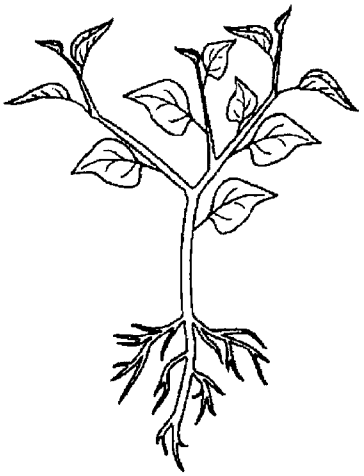
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3. Study the two plants below.



Plant G



Plant H

Which of the following statements is definitely **true**?

(1) Plant H grows slower than Plant G.

(2) Plant H has a stronger stem than Plant G.

(3) Plant G needs more sunlight than Plant H.

(4) Plant G can absorb more water than Plant H.

( )

4. Which of the following does not take place in the mouth?

(1) The tongue rolls food into balls.

(2) The teeth chew and digest food.

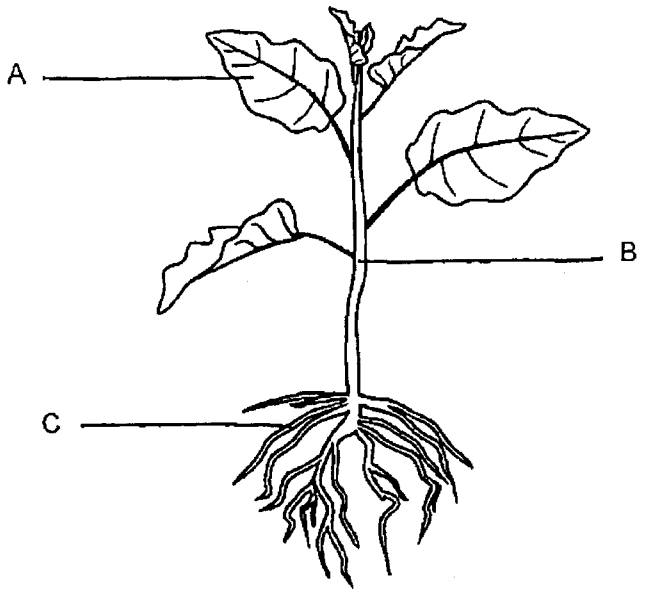
(3) The saliva wets the food and helps in swallowing.

(4) The tongue pushes food towards the gullet for swallowing.

( )

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5. The diagram below shows a flowering plant.



Which of the following are the functions of the labelled plant parts?

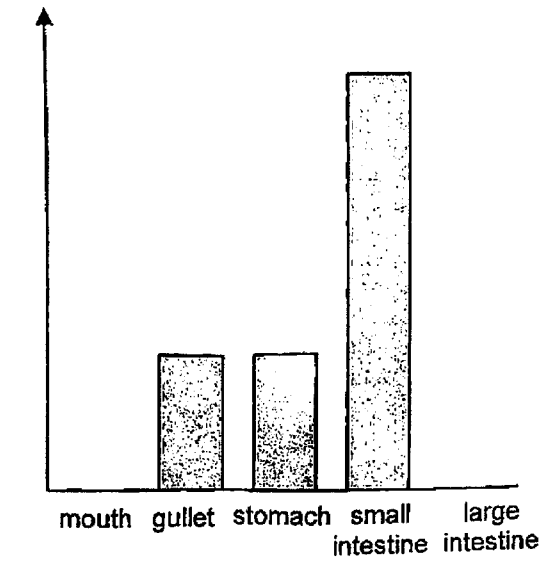
	Functions			
	Makes food for the plant	**Holds the plant upright**	**Anchors the plant firmly to the ground**	**Exchange of gases**
(1)	A	C	B	A
(2)	B	A	C	B
(3)	C	B	C	A
(4)	A	B	C	A

( )

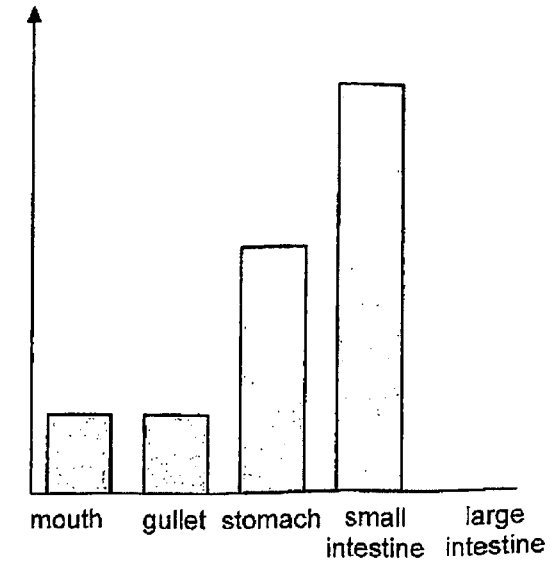
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6. Which diagram shows the amount of digested food when food enters the organs in a human digestive system?

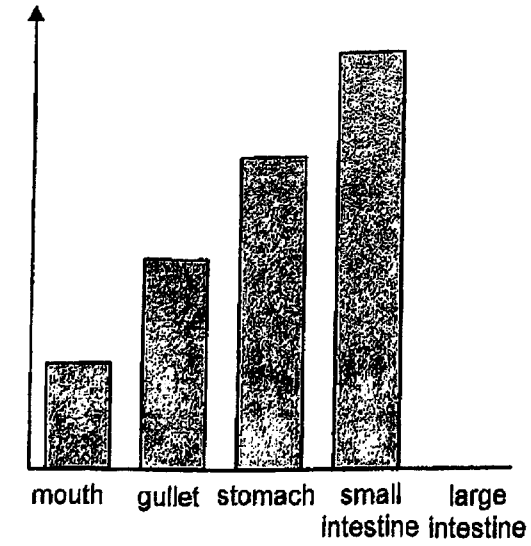
(1)



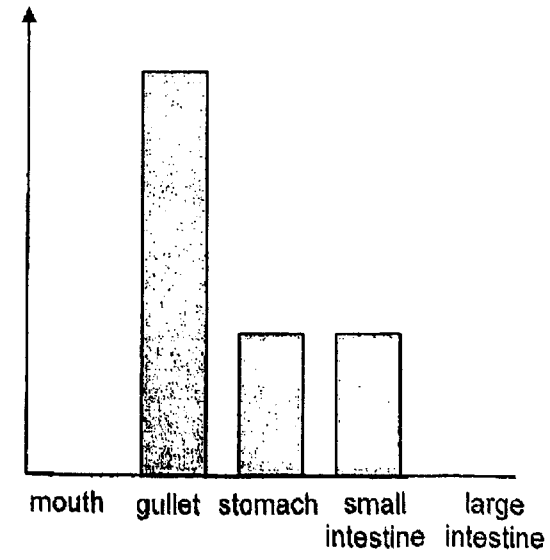
(2)



(3)



(4)



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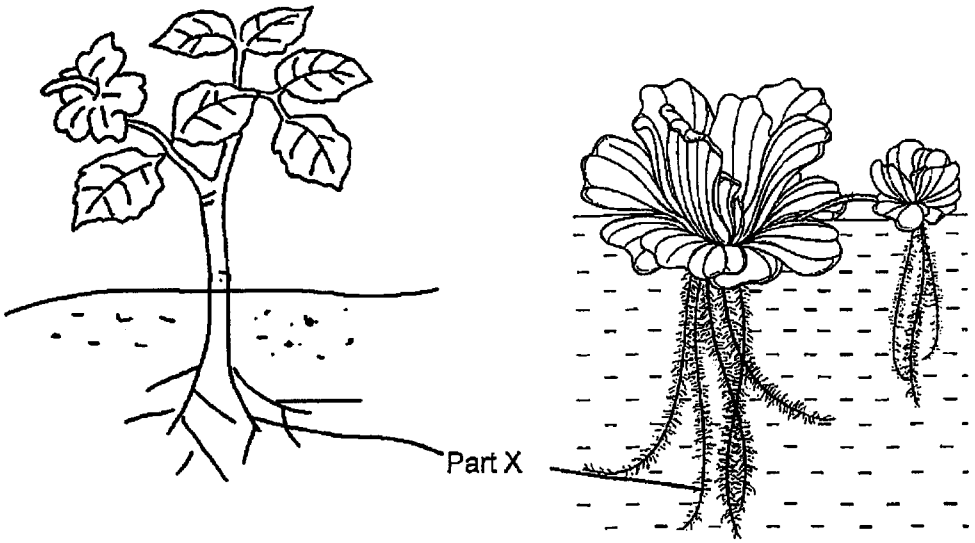
Section B (8 marks)

For questions 7 to 9, write your answers clearly.

The number of marks available is shown in brackets [ ] at the end of each question or part question.

(8 marks)

7. The diagram below shows two plants.



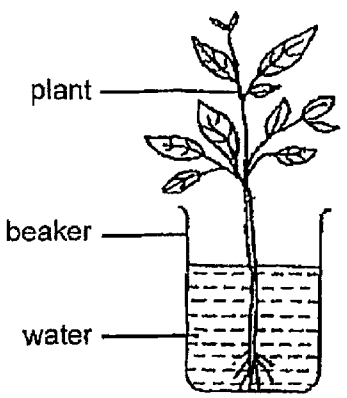
(a) Name Part X. [1]

(b) State one similar function of Part X of both plants. [1]

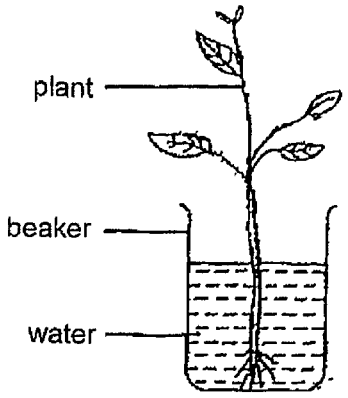
Score	2

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8. Tom set up an experiment with two similar plants as shown below. He removed several leaves from Plant Z.



Plant Y



Plant Z

Tom recorded the height of the plants at regular intervals for 30 days.

Day		0	10	20	30
Height of the plant (cm)	Plant Y	10	15	20	25
	Plant Z	10	12	14	16

(a) What is the aim of the experiment? [1]

_____

_____

(b) Explain how did the removal of the leaves of Plant Z affect its growth? [2]

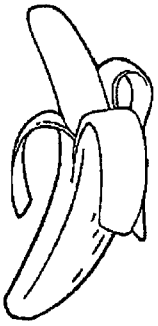
_____

_____

Score	2/3

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9. Mrs Tan was preparing bananas as a snack for her three children, Dan, Nate and Charles, of different ages.

	Dan	Nate	Charles
	10 years old	6 months old	1 year old
Types of banana snack	 Whole banana	 Mashed banana	 Sliced banana

(a) Explain why Dan's snack does not need to be mashed or sliced? [1]

_____

_____

(b) If Mrs Tan wants Dan to be able to digest the snack more quickly, how should she prepare the snack? Explain why. [2]

_____

_____

End of Paper

Score	/ 3

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SCHOOL : TAO NAN SCHOOL
LEVEL : PRIMARY 4
SUBJECT : SCIENCE
TERM : WA1 2025

Q1)	2
Q2)	3
Q3)	2
Q4)	2
Q5)	4
Q6)	1
Q7)	a) Part X is the roots b) Part X of both plants absorb water and mineral salts.
Q8)	a) To find if the amount of leaves affect the growth of the plant. b) Plant Z traps less sunlight and make less food so Plant Z will grow slower than Plant Y.
Q9)	a) Dan has teeth to chew the banana. b) Mrs Tan should banana into smaller pieces. When the banana is cut into smaller pieces, the surface area increases so the exposure to digestive juices also increase and the speed of digested is faster.
Q10)	
Q11)	
Q12)	
Q13)	
Q14)	
Q15)	
Q16)	
Q17)	
Q18)	
Q19)	
Q20	
Q21)	
Q22)	

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Q23)	
Q24)	
Q25)	
Q26)	
Q27)	
Q28)	
Q29)	
Q30)	
Q31)	
Q32)	

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