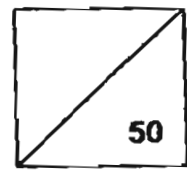


NAN HUA PRIMARY SCHOOL
CONTINUAL ASSESSMENT 2, 2005
SCIENCE
PRIMARY 3

Name : _____ ()

Marks :



Class : Primary 3 _____

Date : 25th August 2005

Duration : 1 hour

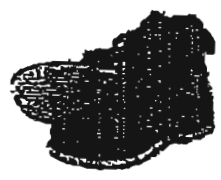
Section A (10 × 2) marks

Each question is followed by four answers.

Choose the correct answer for each question and write its number in the brackets provided.

1. A system is an object that is made up of many different parts working together. Which one of the following is not a system?

(1)



shoes

(2)



tree

(3)



table fan

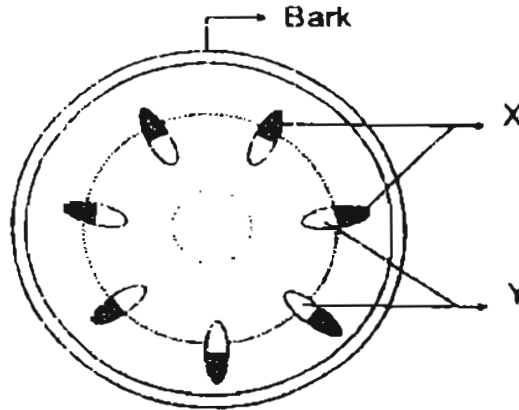
(4)



ruler

()

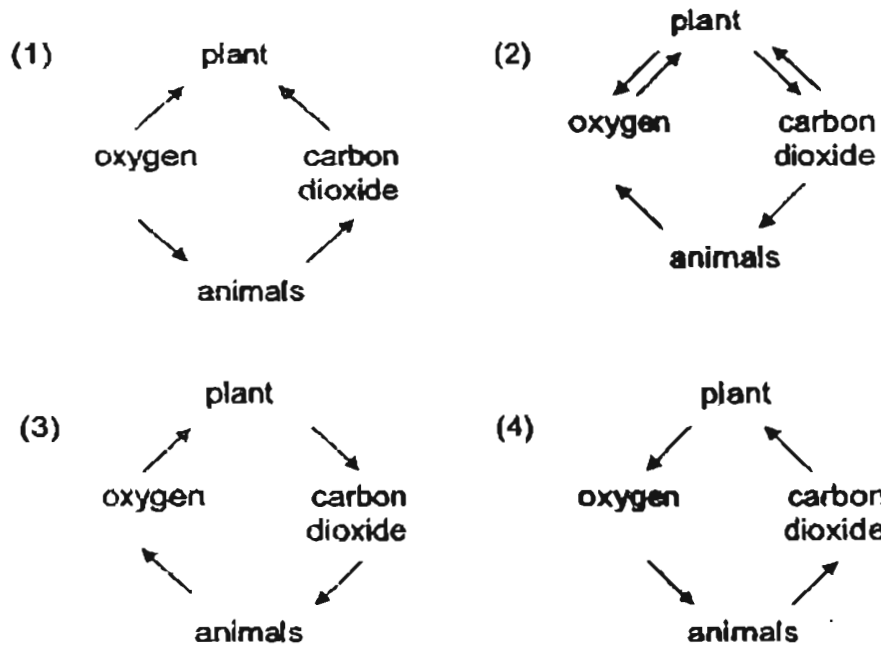
2. The diagram below shows a cross-section of a plant stem.



The part marked Y _____.

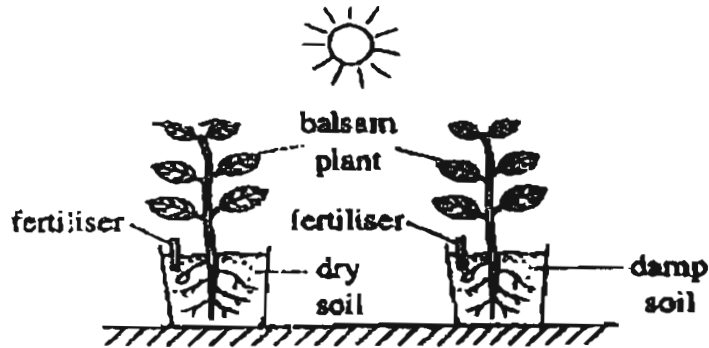
- (1) carries food to other parts of the plant.
- (2) carries water from the roots to the leaves.
- (3) carries oxygen that is needed for making food.
- (4) carries the energy from the sun to other parts of the plant. ()

3. Which one of the following diagrams correctly shows the exchange of gases between plants and animals during the day?



()

4. Sundram set up the experiment shown below to find out what a plant needs for its growth.



He is trying to find out whether plants need _____.

- (1) water (2) sunlight
(3) soil (4) fertilizer ()

5. Digestive juices are secreted in the process of digestion when food is being eaten. They are secreted in the _____.

- A: mouth
B: gullet
C: stomach
D: small intestine

- (1) A, B and C only
(2) B, C and D only
(3) A, C and D only
(4) All of the above ()

6. Digestion helps the body to break food down into simpler substances so that they can be absorbed into the blood stream. It begins in the mouth and ends at the _____.

- (1) stomach (2) rectum
(3) large intestine (4) small intestine ()

7. Ahmad was chased by a dog.
Which of his body system(s) below is/are involved in helping him to run away from the dog?

- A: Skeletal system
- B: Muscular system
- C: Circulatory system
- D: Respiratory system

- (1) B only
- (2) A and B only
- (3) A, B and C only
- (4) All of the above ()

8. Sam is given two slices of apples. If one of them has turned bad and he is not allowed to taste them, which of his senses would he use to find out?

- (1) smell and sight
- (2) sight and touch
- (3) smell and touch
- (4) smell and hearing ()

9. Read the following sentences carefully and answer the question.

A	Devi walks away from the cockroach.
B	Devi sees a cockroach on the floor.
C	Devi's brain tells her that she is looking at a cockroach and decides that she should walk away from it.
D	Devi's brain sends a message for her to walk away from the cockroach.

Arrange the sentences in the correct order to show how the brain works in the given situation. Which one of the following is correct?

- (1) A → B → C → D
- (2) B → C → D → A
- (3) B → D → A → C
- (4) C → B → D → A ()

10. Which one of the following does not take place in the mouth during the first stage of digestion?
- (1) Digested food is passed into the blood stream.
 - (2) Our teeth chew and grind the food into smaller pieces.
 - (3) Our saliva helps to wet the food and digest the food slowly.
 - (4) Our tongue shapes the food into a ball and makes it easy to swallow.

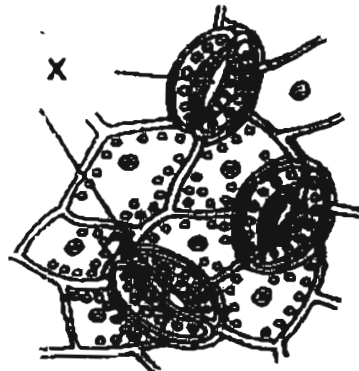
()

Section B (10 × 3) marks

Answer all the questions carefully.

11. Name the sense organ used in each case. (3m)
- (a) You hear the alarm bell ring: _____
 - (b) You feel that your forehead is hot: _____
 - (c) You sniff food being cooked: _____

12. The diagram below shows tiny openings on the underside of a leaf.

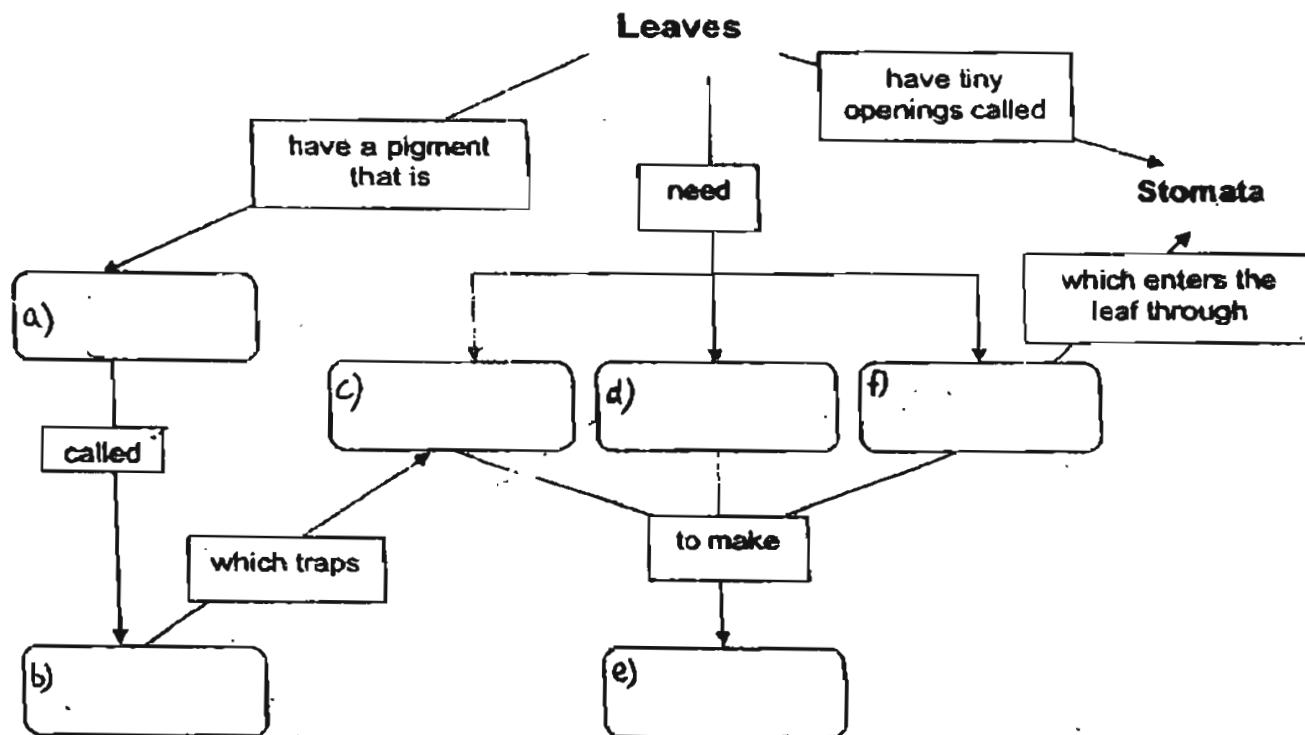


Part of a leaf (magnified)

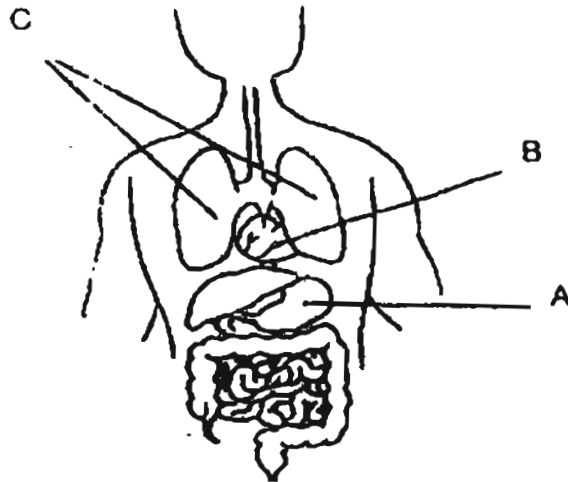
- (a) The tiny openings marked X are called _____ (1m)
- (b) These tiny openings can be seen with a _____ (1m)
- (c) They allow the gases namely _____ and carbon dioxide to go in and out of the leaves. (1m)

13. Fill in the blanks below with the words given. (3m)

food	water	carbon dioxide
chlorophyll	green	sunlight



14. The diagram below shows some organs in the human body.



(a) Name the following organs.

B : _____ (1m)

C : _____ (1m)

(b) Which organ, A, B or C, belongs to the respiratory system?

_____ (1m)

15. What are the functions of the stomach? Tick (✓) the boxes below. (3m)

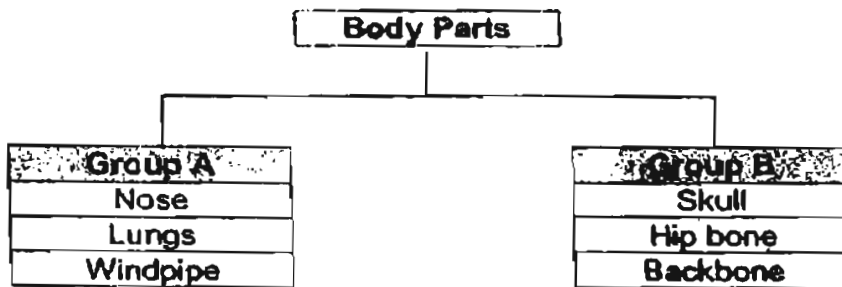
- (a) Produce saliva
- (b) Secrete gastric juices
- (c) Break the food received from the gullet into smaller pieces.
- (d) Mix digestive juices with the food.

<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>

16. Sam did the following to stimulate the processes of digestion in his body. Match his actions to some of the processes in digestion. (3m)

- | | | | |
|---|---|---|--|
| (a) She took a slice of bread, broke it into many smaller pieces and mixed them with her saliva. | ✓ | • | Digestion of food in the stomach. |
| (b) She put the mixture into a plastic bag and added some lemon juice. | ✓ | • | Digested food for the small intestine. |
| (c) She kneaded the bag thoroughly. After some time, she found that the mixture had turned into a pulp. | • | • | Digestion of food in the mouth. |

17. Study the classification chart below.

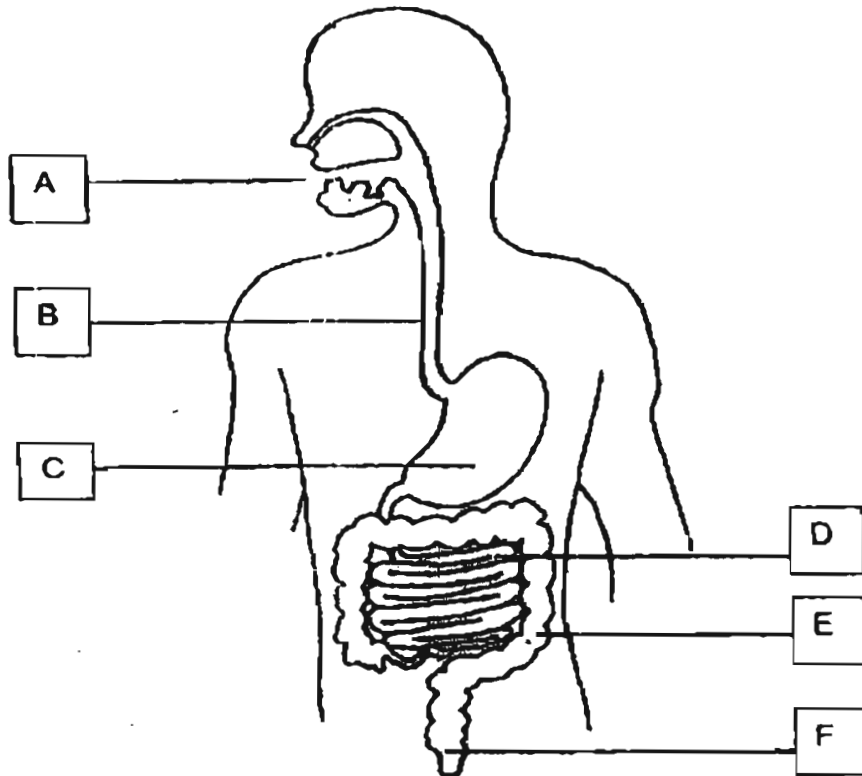


(a) In the classification chart above, the parts are grouped according to the _____ system and the _____ system. (2m)

(b) Name another body part that belongs to Group B.

_____ (1m)

18.



Write the correct letters (A to F) in the boxes provided. (3m)

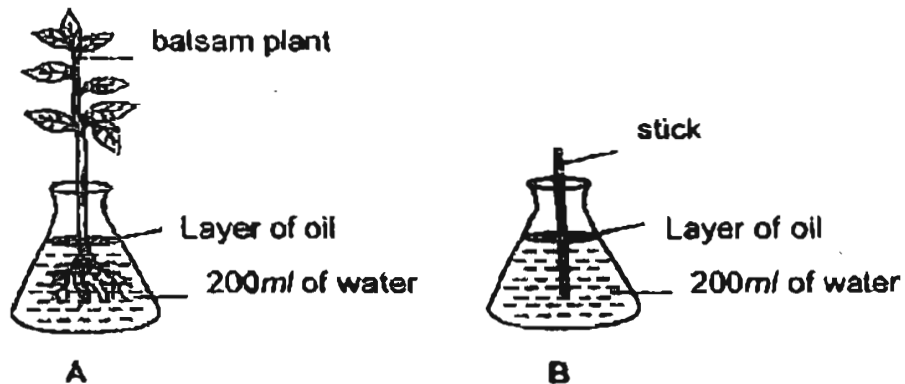
Function	Part of the digestive system
(a) Water is absorbed from the undigested food.	
(b) Digested food is absorbed into the blood stream.	
(c) Small balls of food are pushed down this muscular tube into the stomach.	

19. Sue made the following comments after drinking some coffee.

Write down the type of senses she had used. (3m)

Comment	Senses
(a) The coffee is hot.	
(b) The coffee is black.	
(c) The coffee has a nice fragrance.	

20. Ali sets up the experiment below. The results are shown in the table below.



Volume of water at first	200ml	200ml
Volume of water at the end	180ml	200ml

(a) What conclusion can he make from this experiment? (2m)

(b) What is the purpose of the layer of oil? (1m)

*** THE END ***

NAN HUA PIMARY SCHOOL
PRIMARY 3 SCIENCE 2005
CONTINUAL ASSESSMENT 2

ANSWER SHEETS

- 1. 4
- 2. 2
- 3. 4
- 4. 1
- 5. 3
- 6. 4
- 7. 4
- 8. 1
- 9. 2
- 10.1
- 11. a) ears
b) skin
c) nose
- 12. a) stomata
b) microscope
c) oxygen
- 13. a) green
b) chlorophyll
c) sunlight
d) water
e) food
f) carbon dioxide
- 14. a) B: Heart
C: Lungs
b) Organ C belongs to the respiratory system.
- 15. a)
b) ✓
c) ✓
d) ✓
- 16. a) ~~_____~~
b) ~~_____~~
c) ~~_____~~
- 17. a) respiratory, skeletal
b) The ribs.
- 18. a) E
b) D
c) B
- 19. a) touch
b) sight
c) smell
- 20. a) plants take in water through its roots.
b) The purpose is to stop the water from evaporating.