



AI TONG SCHOOL

2006 CONTINUAL ASSESSMENT (2) PRIMARY THREE SCIENCE

DURATION : 1hr 30 min

DATE: 24th AUGUST 2006

INSTRUCTIONS

Do not open the booklet until you are told to do so.

Follow all instructions.

Answer all questions.

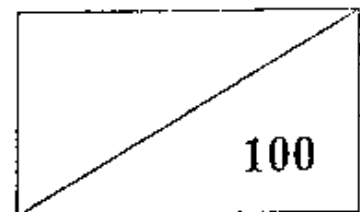
Name : _____ ()

Marks :

Class : Primary _____

Parent's Signature : _____

Date : _____

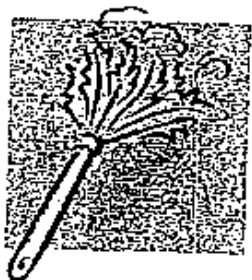


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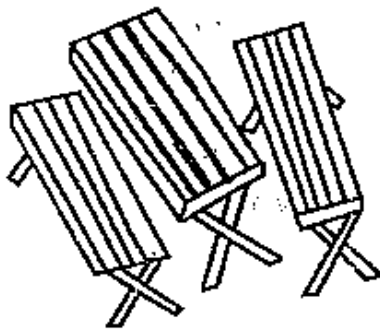
Section A: Multiple-Choice Questions (50 marks)

Choose the correct answer and shade its number (1, 2, 3 or 4) in the Optical Answer Sheet (OAS) provided.

1. How are these things similar?



Feather duster



Benches and table

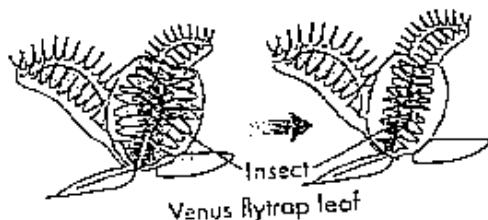


Tyre

They _____

- (1) can have young
- (2) are living things
- (3) can move by themselves
- (4) are made of things which were once alive

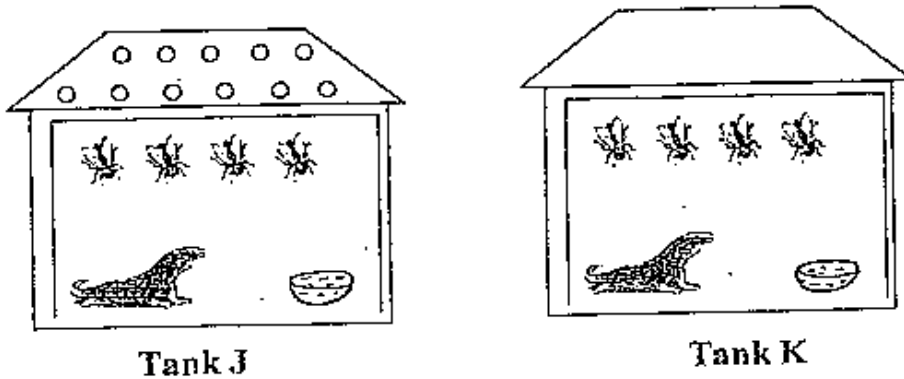
2. When an insect lands on the Venus Flytrap leaf, it closes. Which one of the following statements correctly describes the action?



- (1) It can be eaten.
- (2) It can reproduce.
- (3) It can respond to touch.
- (4) It needs air, minerals and water.

45 (9)

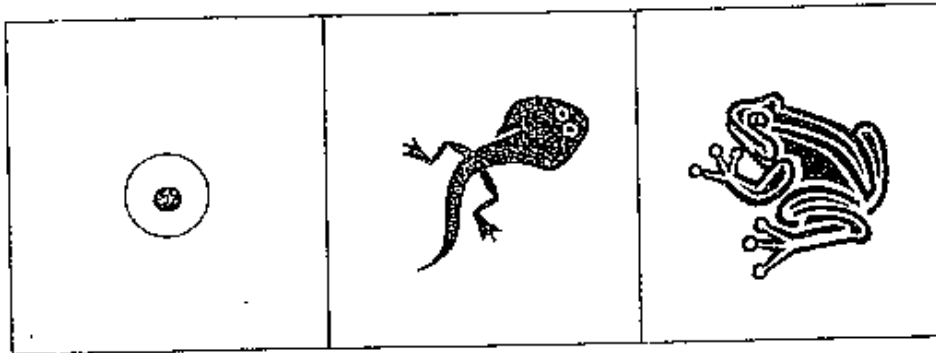
3. Alice has 2 lizards. She puts one in **Tank J** and another in **Tank K**.



The lizard in **Tank K** died after one week. The most likely reason was because it did **not** have enough _____.

- (1) food
- (2) water
- (3) space
- (4) oxygen

4. Study the pictures below.



The pictures above show that _____.

- (1) an egg is a living thing
- (2) living things can grow
- (3) living things need water
- (4) living things can reproduce in several ways

≡
(4)
45

5. Lisa made an observation of two animals, M and N. Her observations are recorded in the table shown below.

Observation	Animal M	Animal N
Lays eggs		
Has hair	✓	✓
Has wings	✓	

Which one of the following would be correct?

- | Animal M | Animal N |
|---------------|----------------|
| (1) Dragonfly | Hen |
| (2) Penguin | Ostrich |
| (3) Bee | Spiny anteater |
| (4) Bat | Platypus |

6. Study the classification table below.

Group X	Group Y
Housefly	Whale
Bee	Shark
Bat	Dolphin

The animals in Group X and Y are grouped according to _____.

- (1) the way they move
- (2) the way they respond
- (3) the way they reproduce
- (4) the types of food they eat

7. How is the spiny anteater different from most mammals?

- (1) It lays eggs.
- (2) It suckles its young.
- (3) It is warm-blooded.
- (4) It is covered with hair.

8. Melvin observed **Animal Y** and recorded his observations.

- It has a pair of feelers.
- It has three body parts.
- It lays eggs.

Which group of animals does **Animal Y** belong to?

- (1) Fish
- (2) Birds
- (3) Insects
- (4) Mammals

9. _____ are living things that cause food to decay.

- (1) Fungi
- (2) Yeast
- (3) Spores
- (4) Mammals

10. The diagram below shows a fish bowl.



What characteristics must the material for the fish bowl have?

- A. It must be soft.
- B. It must be strong.
- C. It must be transparent.

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

11. The table below shows some materials that have been put in two groups.

A	B
Silk	Plastic
Wool	Nylon
Leather	Glass

Which of the following are suitable headings for A and B?

A	B
(1) From Animals	From Plants
(2) From Plants	From Animals
(3) From Plants	Man-made
(4) From Animals	Man-made

12. Which of the following things is most likely made of a combination of materials?

- (1) Shoes
- (2) Fish bowl
- (3) Paper clip
- (4) Water hose

13. At which stage of its life cycle does a butterfly moult several times?

- (1) Egg
- (2) Larva
- (3) Pupa
- (4) Adult

14. A nymph is different from an adult cockroach because it does **not** have



Nymph



Adult cockroach

- A. legs
 - B. wings
 - C. feelers
-
- (1) B only
 - (2) C only
 - (3) A and B only
 - (4) B and C only

15. Which of the following statements about the life cycles of animals are true?

- A. The life cycles of animals follow a pattern.
- B. Some life cycles are long but others are short.
- C. Animals do not go through the same life cycle as their parents.
- D. The life cycles of different animals are different from each other.

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

16. Arrange the stages of growth of a bean plant in the correct order.

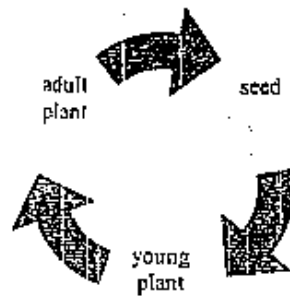


- (1) P, S, R, Q and T
- (2) P, S, R, T and Q
- (3) S, P, R, T and Q
- (4) S, P, R, Q and T

17. When a seed germinates, the _____ grows first.

- (1) root
- (2) leaf
- (3) shoot
- (4) flower

18. The diagram below shows the life cycle of a plant.
Which plants have the life cycle shown?



- A. Moss
- B. Bean plant
- C. Balsam plant
- D. Staghorn fern

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

19. A computer can be classified as a system because it _____.

- (1) uses electricity
- (2) is a man-made system
- (3) is made up of only two parts
- (4) is made of different parts to carry out a certain job

20. The instrument shown below is invented to aid our sense of _____.



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

21. When we have a cold, we will lose some of our sense of _____ and _____.

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

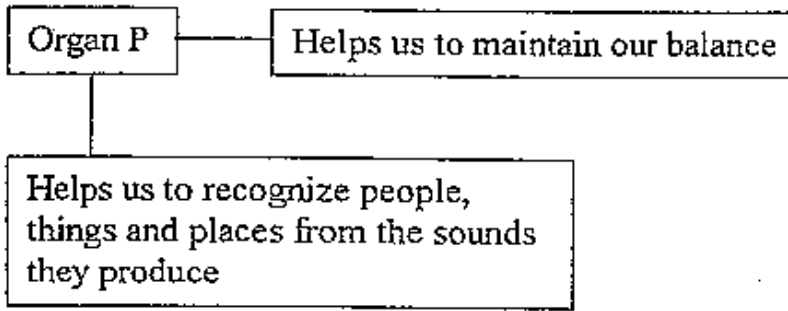
22. When John accidentally touches a hot kettle, the _____ sends a message to him to withdraw his hand.

- (1) ear
- (2) brain
- (3) heart
- (4) tongue

23. Which one of the following statements is **not** true about fishes?

- (1) Most fish lay eggs.
- (2) Some fish live in the sea.
- (3) Fishes breathe by means of gills.
- (4) The parent fish looks after the young.

24. Study the concept map below.



Organ P is our _____.

- (1) ear
- (2) eye
- (3) skin
- (4) nose

25. Which one of the following is **not** a man-made system?

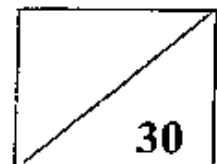
- (1) Bicycle
- (2) Computer
- (3) Television
- (4) Digestive system

Section B: Fill in the blanks (30 marks)

Fill in the blanks with the correct answers. Use each word ONCE only.

wood	trees	breathe	temperature
glass	lungs	shrubs	micro-organisms
fungi	system	fruit	maggot
skin	air	food	caterpillar

26. Animals move around to get _____.
27. Mike shivers and puts on a coat when it gets cold. We say he is responding to changes in _____.
28. Whales, dolphins and seals do not have gills. They need to go to the surface of the water to _____.
29. _____ are short and bushy plants.
30. Bacteria and viruses are examples of _____.
31. Window panes are made of _____ so that light can pass through easily.
32. The larva of a housefly can also be called a _____.
33. The flower of a plant develops into a _____.
34. Our _____ is the largest organ of our body.
35. Our sense organs form a _____ to detect changes around us.

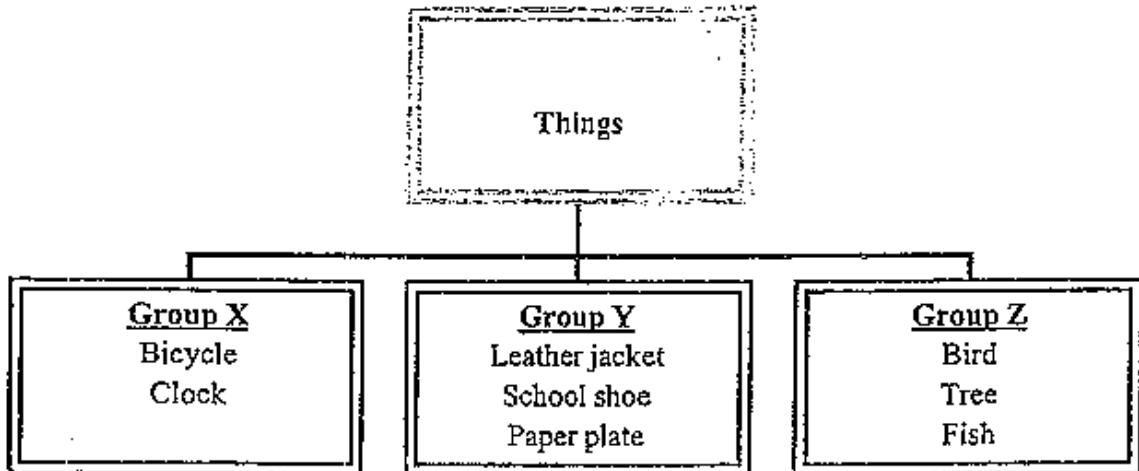


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Section C: Open-ended Questions (20 marks)

Write your answers to questions 36 to 40 in the spaces provided.

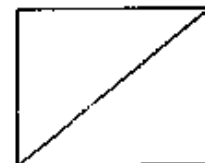
36. Study the classification table below and answer the questions that follow.



a) Which group do you think the following objects should be in? {3 marks}

Objects	Group
Cockroach	
Handkerchief	
Plastic spoon	

b) What are objects in Group Y made of? {1 mark}



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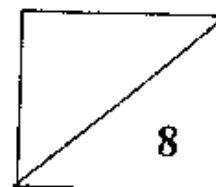
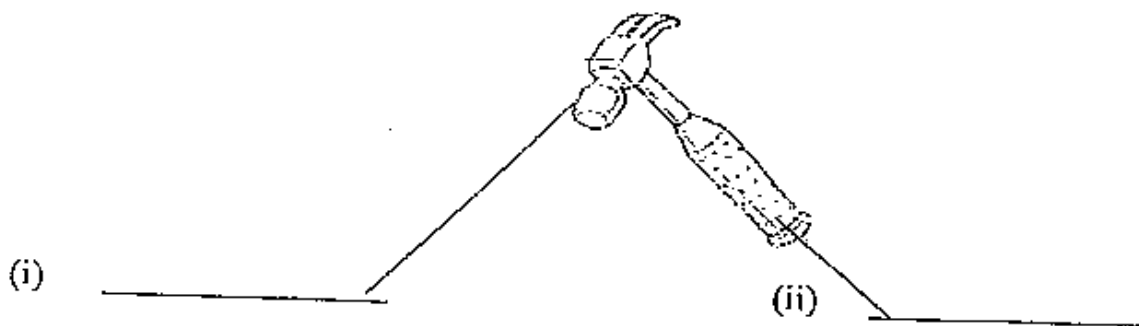
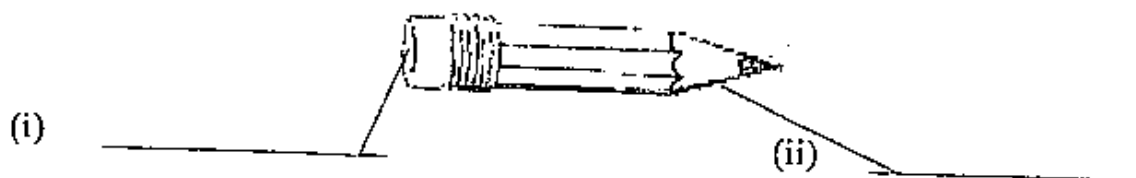
37. Complete the table below.

[4 marks]

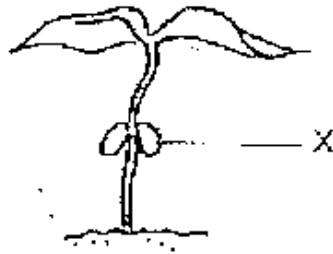
Object	Material used to make object	Property that makes material suitable for making object
Raincoat		
Fish tank		

38. Name **ONE** material which may be used to make each of the parts of the following objects.
[4 marks]

a)

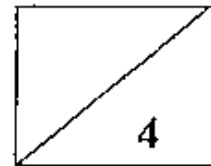


39. The diagram below shows a seedling.



a) Name the part labeled **X** and state its function? [2 marks]

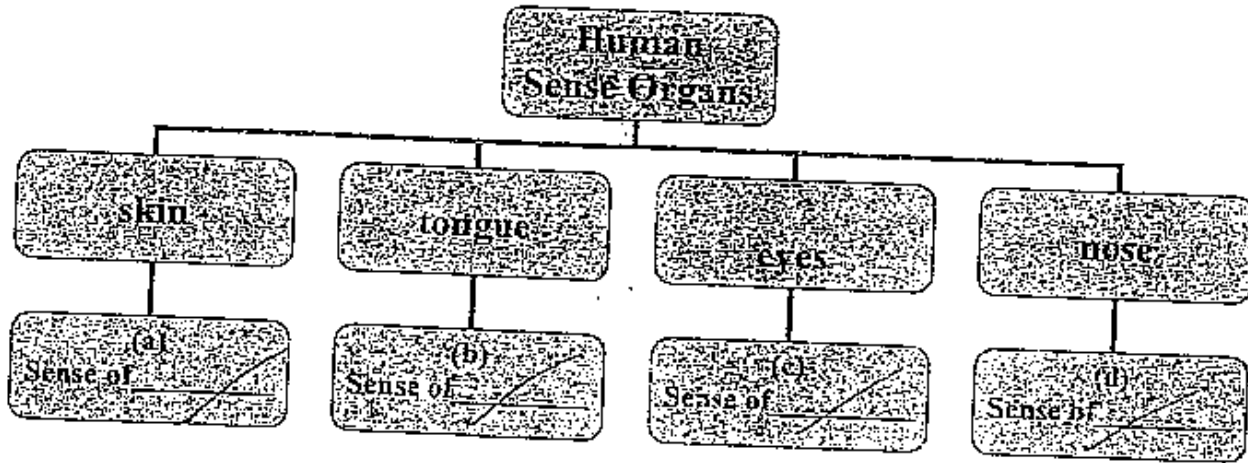
b) When will a seedling start making its own food? [2 marks]



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40. Complete the classification chart below.

[4 marks]



END OF PAPER



Answer Sheets
Ai Tong Pri 3 CA2 / 2006 Science

1) 4	2) 3	3) 4	4) 2	5) 4
6) 1	7) 1	8) 3	9) 1	10) 2
11) 4	12) 1	13) 2	14) 1	15) 3
16) 3	17) 1	18) 2	19) 4	20) 4
21) 1	22) 2	23) 4	24) 1	25) 4

- Q26. Animals move around to get **food**.
- Q27. Mike shivers and puts on a coat when it gets cold. We say he is responding to changes in **temperature**.
- Q28. Whales, dolphins and seals do not have gills. They need to go to the surface of the water to **breathe**.
- Q29. **Shrubs** are short and bushy plants.
- Q30. Bacteria and viruses are examples of **micro-organisms**.
- Q31. Window panes are made of **glass** so that light can pass through easily.
- Q32. The larva of a housefly can also be called a **maggot**.
- Q33. The flower of a plant develops into a **fruits**.
- Q34. Our **skin** is the largest organ of our body.
- Q35. Our sense organs form a **system** to detect changes around us.
- Q36a. Cockroach : Group Z
Handkerchief : Group Y
Plastic Spoon : Group X
- b. Group Y are things that were once alive.

Q37. Raincoat : Plastic
It is waterproof
Fish tank : Glass
: It is transparent

Q38a Pencils
(i) Rubber
(ii) Wood

Hammer
(i) Metal
(ii) Wood

Q39a. Part X is seed leaves.
b. A seedling will start making its own food when its leaves appear.

Q40a, Sense of touch
b. Sense of taste
c. Sense of sight
d. Sense of smell