



# AI TONG SCHOOL

## 2006 CONTINUAL ASSESSMENT (1)

### PRIMARY THREE SCIENCE

**DURATION : 1 hour 20 minutes**

**DATE: 8 March 2006**

#### INSTRUCTIONS

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

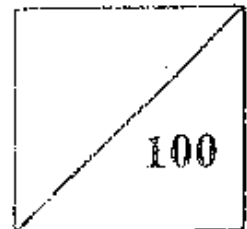
**Follow all instructions.**

**Answer all questions.**

Name : \_\_\_\_\_ ( )

Class : Primary 3 \_\_\_\_\_

Marks:



Parent's Signature : \_\_\_\_\_

Date : \_\_\_\_\_

**Section A : Multiple-Choice Questions (40 marks)**

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

1. Study the picture below.



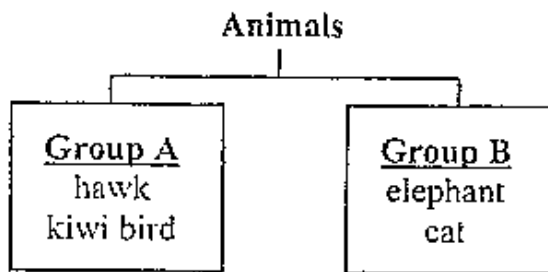
Which of the objects labelled A, B, C, D and E in the picture above are non-living things ?

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

2. Some living things cannot \_\_\_\_\_

- (1) grow bigger
- (2) move by themselves
- (3) make their own food
- (4) respond to changes

3. Study the classification table given below.



Which one of the following pairs should be in **Group A** and **Group B** respectively ?

	Group A	Group B
(1)	flamingo	prawn
(2)	goose	kangaroo
(3)	penguin	snake
(4)	bat	polar bear

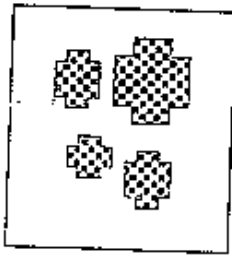
4. Which one of the following animals does not have the same kind of outer covering as the others ?

- (1) Lizard
- (2) Frog
- (3) Swordtail
- (4) Python

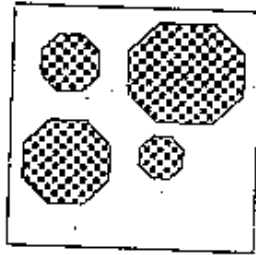
5. Living things can be classified into four groups. Which one of the following groups is the correct classification of living things ?

- (1) Animals, leaves, micro-organisms and fungi
- (2) Mammals, plants, mushrooms and micro-organisms
- (3) Plants, fungi, animals and micro-organisms
- (4) Bacteria, mushrooms, plants and animals

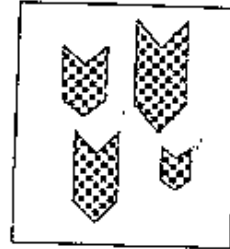
Study the diagrams below.



Group 1



Group 2



Group 3

6. The objects in **Group 3** are grouped together because they are \_\_\_\_\_

- (A) similar in shape
- (B) similar in size
- (C) similar in pattern

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

7. Bacteria is classified as a \_\_\_\_\_

- (1) plant
- (2) fungi
- (3) micro-organism
- (4) animal

8. Which one of the following fish can stay out of the water for several days ?

- (1) Clown fish
- (2) Weedy seadragon
- (3) Electric eel
- (4) Mudskipper

9. Anna found some animals in her grandmother's garden. She wanted to find out if they were insects and did the following :

- (A) She observed their wings.
- (B) She counted the number of their body parts.
- (C) She recorded the number of legs each animal had.
- (D) She observed what they ate.

Which one of the above actions would definitely help her decide that the animals were insects ?

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

10. Which one of the following statements about animals is incorrect ?

- (1) Birds lay eggs and have feathers on their bodies.
- (2) Fish live in the water and have gills for breathing.
- (3) Mammals produce milk for their babies and have hair on their bodies.
- (4) Insects can fly and have three pairs of legs.

11. Susan gives a description of an animal.

She says, "It has hair. It gives birth to its young and produces milk for its young."

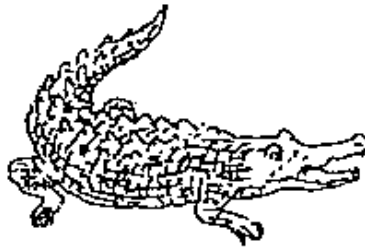
What animal group does it belong to ?

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

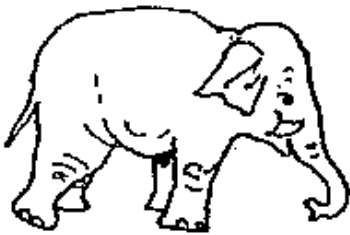
12. Study the pictures of the four animals below.



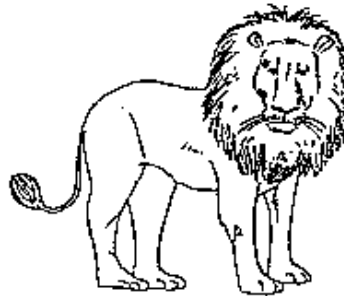
Whale



Crocodile



Elephant



Lion

John decides not to group the crocodile together with the other animals. What is the reason for John's decision?

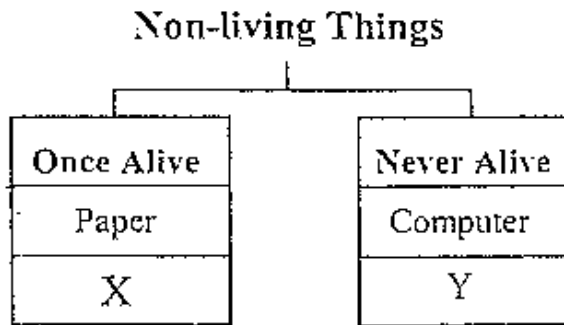
- (1) The crocodile has a tail.
- (2) The crocodile has four legs.
- (3) The crocodile can live on land and in water.
- (4) The crocodile feeds only on animals.

13. The outer coverings of the birds can \_\_\_\_\_

- (A) help them fly
- (B) keep them warm
- (C) camouflage them from predators

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

14. Study the classification table below.



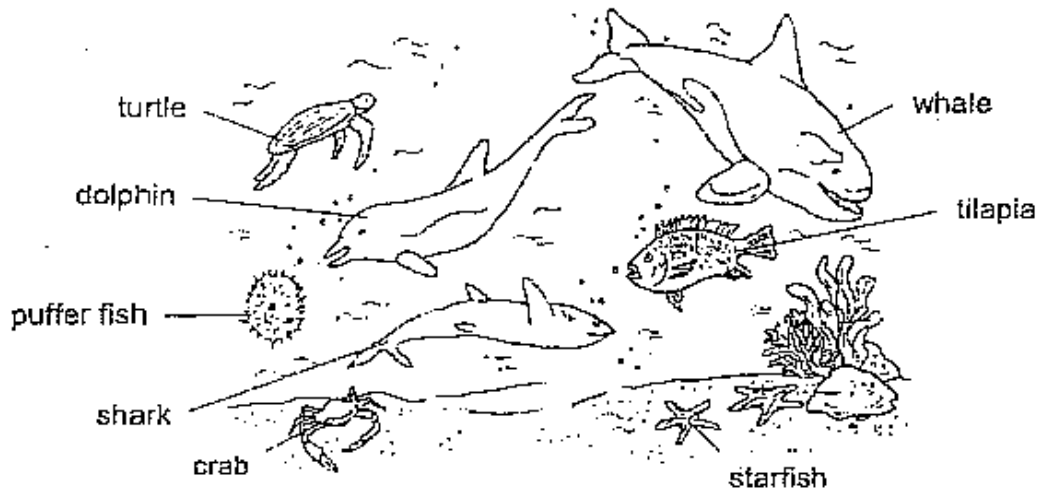
What are X and Y likely to be ?

	X	Y
(1)	sugar	stone
(2)	magnet	glass table
(3)	leather bag	eraser
(4)	pebble	wooden chair

15. Mother "cried" as she was peeling some onions in the kitchen. Which characteristic of living things does this show ? Living things can

- \_\_\_\_\_
- (1) grow
  - (2) reproduce
  - (3) move by themselves
  - (4) respond to changes

16. Study the picture below.



Which pair of marine animals is in the correct group ?

	Mammals	Fish
(1)	tilapia	whale
(2)	whale	crab
(3)	dolphin	shark
(4)	starfish	turtle

17. Which one of the following living things feeds on decaying things ?

- (1) Hippopotamus
- (2) Hibiscus
- (3) Butterfly
- (4) Mushroom



18. Ken grouped his favourite animals into two groups.

Group S	Group T
giraffe	goose
tiger	penguin
hippopotamus	chicken

Which one of the following is a suitable heading for Group S and Group T ?

	Group S	Group T
(1)	Animals with four legs	Animals with two legs
(2)	Animals which can run	Animals which can fly
(3)	Animals which feed on plants only	Animals which feed on both plants and animals
(4)	Animals which live on land	Animals which live in the sea

19. Which of the following objects are made from living things ?

- (A) Silk thread
- (B) Plastic fork
- (C) Cotton shirt

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

20. Which one of the following statements about the rain tree is incorrect ?

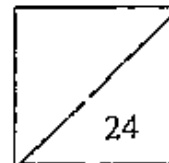
- (1) It can reproduce and grow.
- (2) It closes its leaves when touched.
- (3) It can make its own food.
- (4) It needs air, water and sunlight.

**Section B : Fill-in-the-blanks (30 marks)**

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

beak	wings	scales	sunlight	feathers
shell	gills	tail	classification	reproduces
snail	lungs	frog	flippers	diversity

21. Organising things around us into groups is called \_\_\_\_\_ .
22. The young of a \_\_\_\_\_ does not look like its parent.
23. The tortoise is protected from its enemies by its \_\_\_\_\_ .
24. A fish uses its fins and \_\_\_\_\_ for swimming in the water.
25. The seagull is a bird because it has a hard \_\_\_\_\_ .
26. A plant can move by growing towards \_\_\_\_\_ .
27. The sea lion swims by using its \_\_\_\_\_ .
28. The rhinoceros \_\_\_\_\_ by giving birth to its young.



29. There is a great \_\_\_\_\_ of animals within the animal kingdom.

30. Fish have \_\_\_\_\_ to help them breathe in the water.

**Section C : Open-ended Questions (30 marks)**

Write your answers to questions 30 to 36 in the spaces provided.

31. The koala and the chicken have some similarities and differences.



Koala

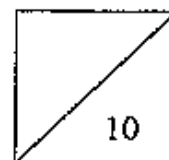


Chicken

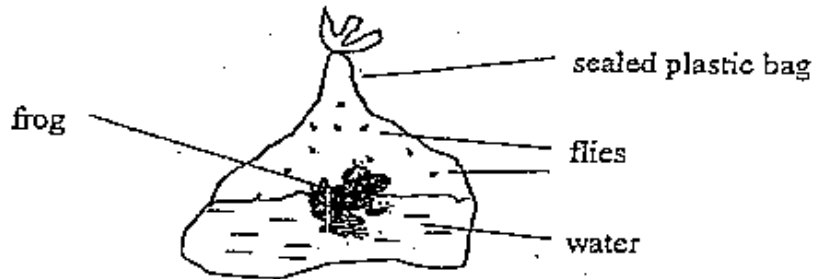
Describe how the animals are different in their :

(2m) (a) outer covering - \_\_\_\_\_  
\_\_\_\_\_

(2m) (b) method of reproduction - \_\_\_\_\_  
\_\_\_\_\_



32. A live frog was left in a plastic bag with some water and flies for a week.



(a) What happened to the frog at the end of one week ? (1 mark)

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(b) Why did this happen ? (2 marks)

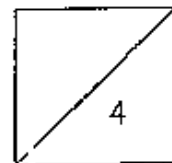
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(c) What can you do to keep the frog alive ? (1 mark)

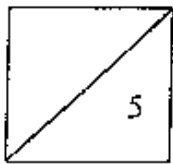
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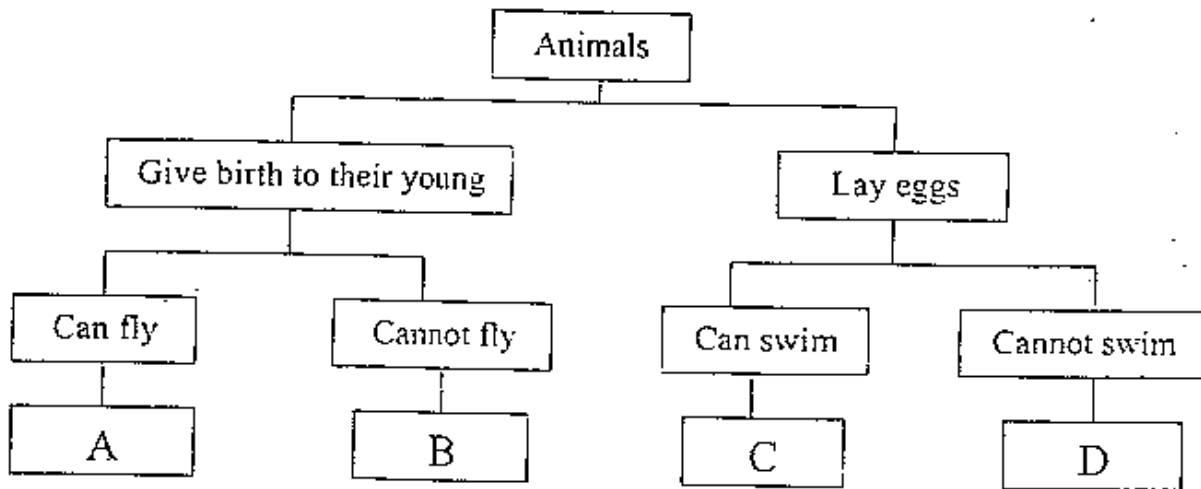


33. Write "True" or "False" in the boxes provided. ( 5 x 1 mark)

- (a) All living things need air, food and sunlight.
- (b) Micro-organisms are non-living things.
- (c) When living things grow, their size and appearance change.
- (d) Classification allows us to see things in an orderly way.
- (e) Not all mammals give birth to their young alive.



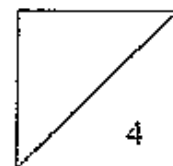
34. Study the classification table below carefully.



platypus      bat      owl      whale

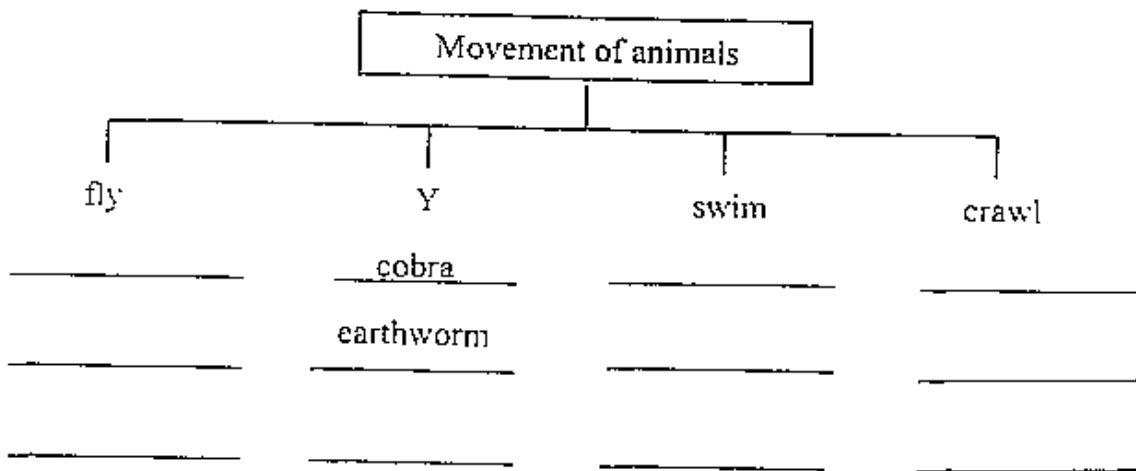
Identify the animals in the box above that best represent the letters in the table.  
Write your answers in the table provided. (4 marks)

A	
B	
C	
D	



35. (a) Sort the animals below into three groups according to the way they move. Write your answers in the spaces provided. (4 marks)

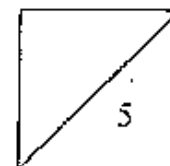
stingray	kingfisher	snail
pigeon	shark	lizard
ant	falcon	



(b) Identify the movement marked "Y". (1 mark)

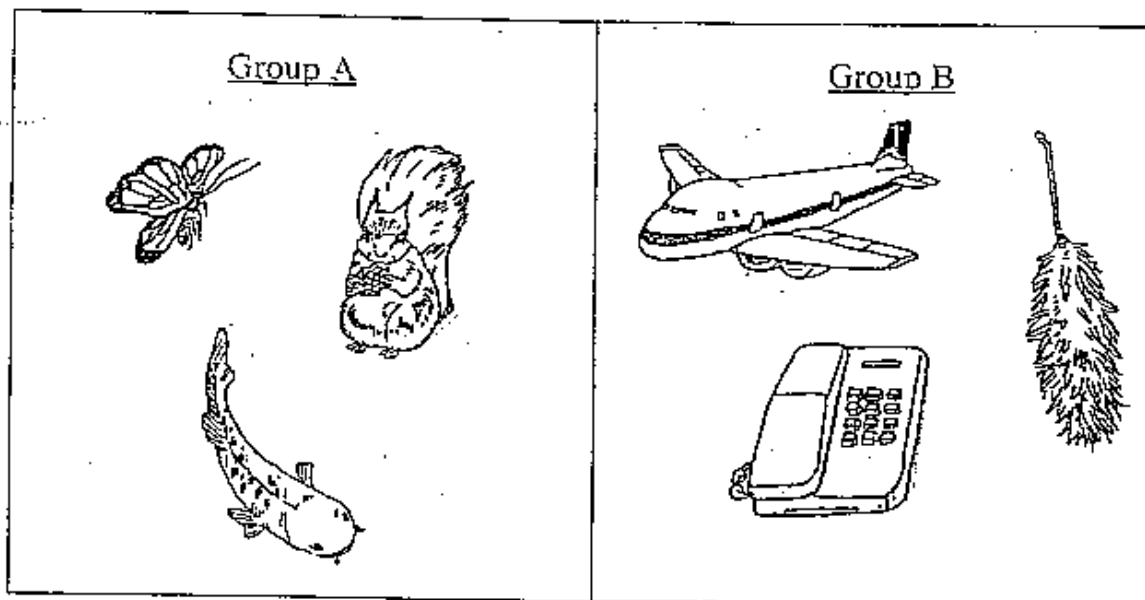
\_\_\_\_\_

\_\_\_\_\_





36. Mrs Tan classified the following items into two groups.



(a) How were the items above grouped ?

(i) Group A : \_\_\_\_\_ (1 mark)

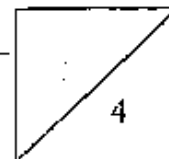
(ii) Group B : \_\_\_\_\_ (1 mark)

(b) Under which group would you put " a key " ? (1 mark)

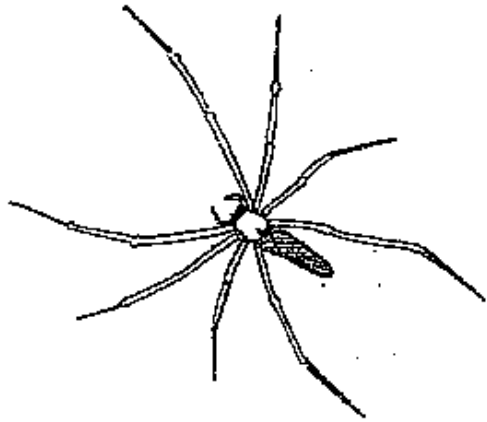
Group \_\_\_\_\_

(c) Name one thing that Group A can do but Group B cannot. (1 mark)

\_\_\_\_\_  
\_\_\_\_\_



37) Observe the picture of the animal shown below.



(a) Is it an insect? (1m)

\_\_\_\_\_

(b) Give two reasons why you say so.

(1m) (i) \_\_\_\_\_

\_\_\_\_\_

(1m) (ii) \_\_\_\_\_

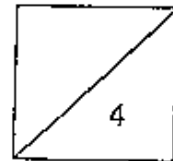
\_\_\_\_\_

(c) How do you think this animal moves? (1m)

\_\_\_\_\_

\_\_\_\_\_

----- Check your work carefully -----



**Answer Sheets**  
**Ai Tong Pri 3 CA1 / 2006 Science**

- |       |       |       |       |       |
|-------|-------|-------|-------|-------|
| 1) 4  | 2) 3  | 3) 2  | 4) 2  | 5) 3  |
| 6) 2  | 7) 3  | 8) 4  | 9) 3  | 10) 4 |
| 11) 2 | 12) 3 | 13) 4 | 14) 1 | 15) 4 |
| 16) 3 | 17) 4 | 18) 1 | 19) 2 | 20) 2 |

- Q21. Organising things around us into groups is called **classification**.
- Q22. The young **frog** of a does not look its parent
- Q23. The tortoise is protected from its enemies by its **shell**.
- Q24. A fish uses fins and **tails** for swimming in the water
- Q25. The seagull is a bird because it has a hard **beak**.
- Q26. A plant can move by growing towards **sunlight**.
- Q27. The sea lion swims by using its **flippers**.
- Q28. The rhinoceros **reproduces** by giving birth to its young.
- Q29. There is a great **diversity** of animals within the animal kingdom.
- Q30. Fish have **gills** to help them breathe in the water.
- Q31a. Outer covering : Kola covers with fur.  
Chicken covers with feathers.
- Method of reproduction : Kola give birth to young  
Chicken laid eggs.
- Q32a. The frog will die.  
b. There is no air for the frog to breathe.  
c. Made some holes to let the air enter the plastic bag.

- Q33a False  
b. False  
c. True  
d. True  
e. True

- Q34. A : bat  
B : whale  
C : platypus  
D : owl

- Q35a. Fly : falcon, pigeon, kingfisher  
Y : snail  
Swim : shark, stingray  
Crawl : ant, lizard

- b. The movement marked "Y" is slither

- Q36a. Group A : Living things  
Group B : Non-living things

- b. Group B  
c. Group A can grow and reproduce but Group B cannot grow and reproduce.

- Q37a. No, it is not an insect.  
b(i) An insect has six legs.  
(ii) An insect has three body parts.  
c. It crawls.