

**Nan Hua Primary School
Primary 3 Science
Term 1 Weighted Assessment**

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

Name: _____ ()

Class: Primary 3/ _____

Date: _____

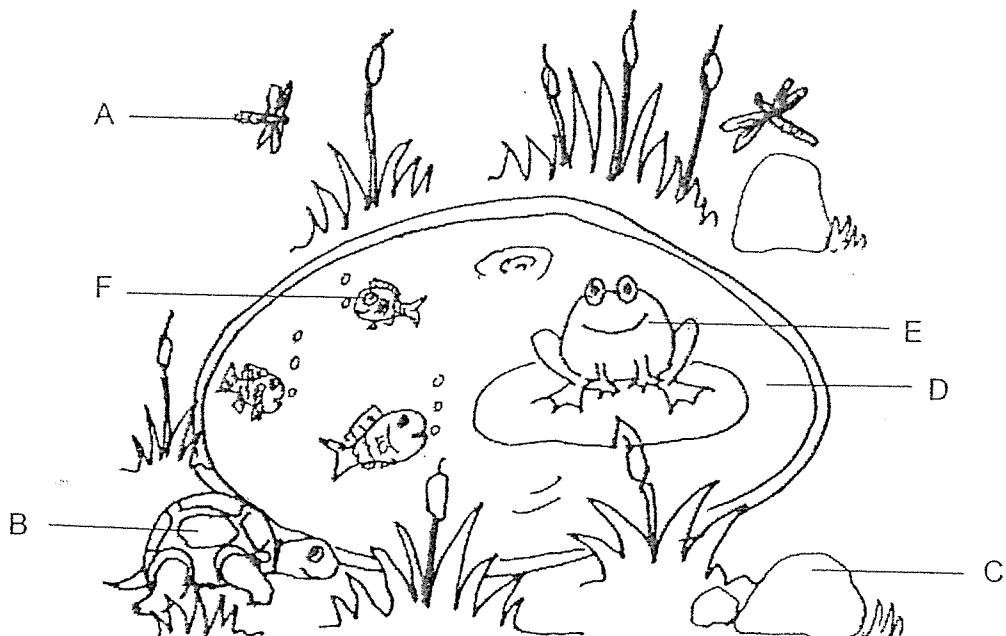
Duration: 30 minutes

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.

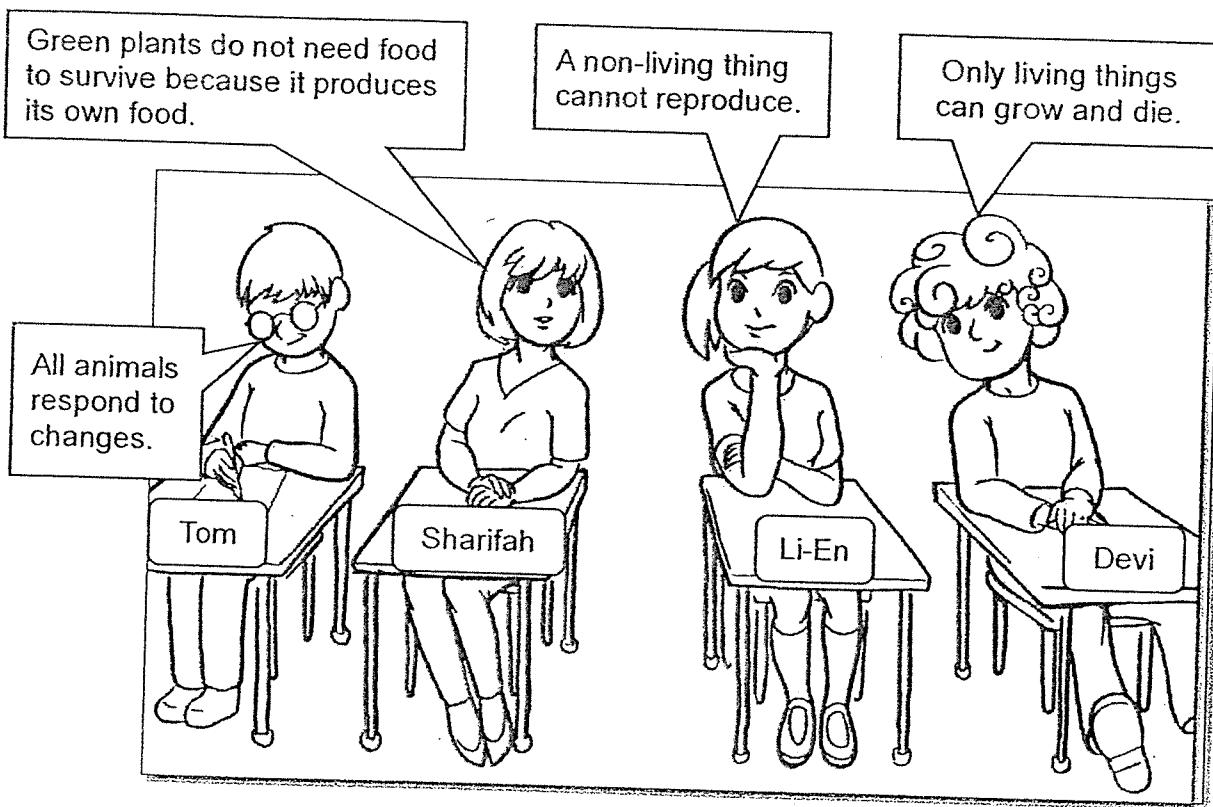
1 The picture below shows 6 things, A to F.



Which of the following shows the correct classification of things A to F?

	Living things	Non-living things	
(1)	E and F	A, B, C and D	()
(2)	A, B and C	D, E and F	
(3)	A, B, E and F	C and D	
(4)	B, D, E and F	A and C	()

2 Four pupils made the following statements about living and non-living things.



Which pupil has made a **wrong** statement?

- (1) Tom
- (2) Devi
- (3) Li-En
- (4) Sharifah

()

3 Bala fed animal X with fresh leaves daily and recorded down its length over 3 weeks.

Week 1



Animal X

Week 3



Animal X

Which of the following tables correctly shows the growth of animal X over 3 weeks?

(1)

Week	Length
1	4 cm
2	3 cm
3	2 cm

(2)

Week	Length
1	2 cm
2	3 cm
3	4 cm

(3)

Week	Length
1	3 cm
2	3 cm
3	3 cm

(4)

Week	Length
1	4 cm
2	3 cm
3	4 cm

()

4 Animal E has the following characteristics:

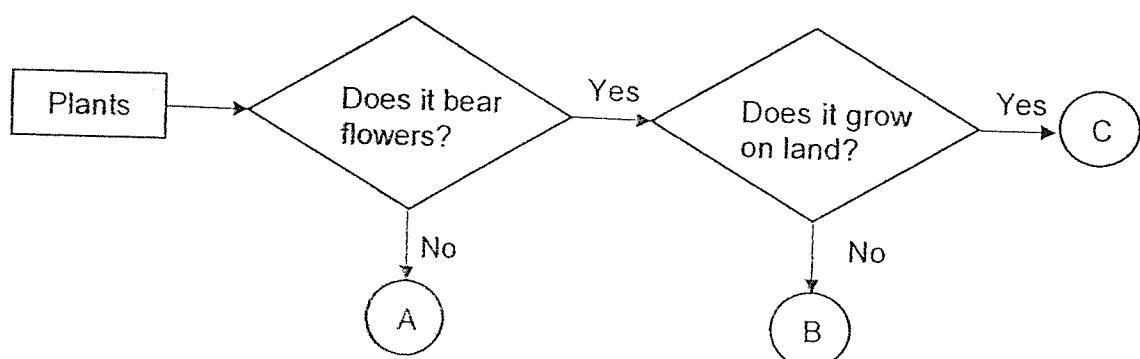
- Has wings
- Has 3 body parts
- Has hard outer body covering

Based on the information above, which animal group does animal E belong to?

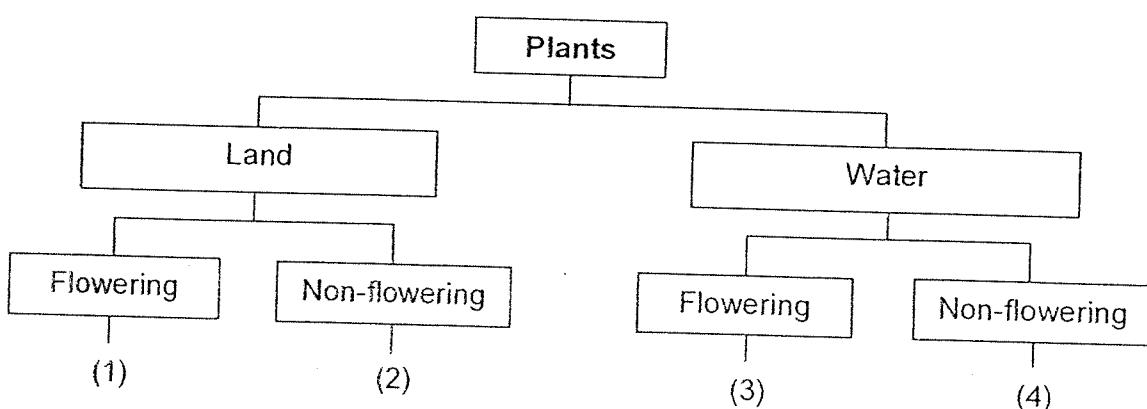
(1) Insects
 (2) Reptiles
 (3) Mammals
 (4) Amphibians

()

5 Study the flowchart below.



Which number, 1, 2, 3 or 4, from the classification diagram below, represents plant B?



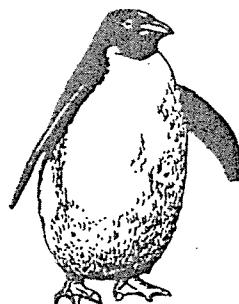
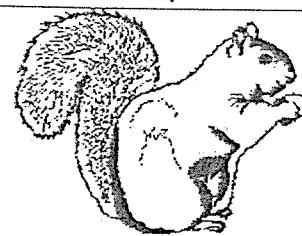
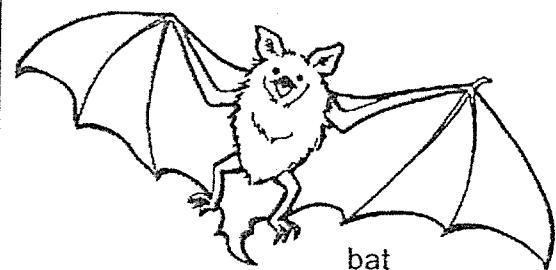
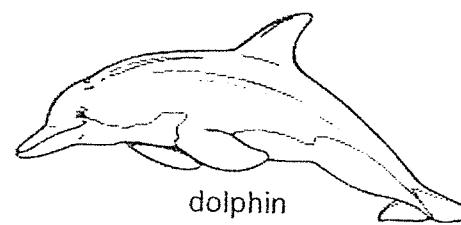
()

Total marks for section A	10
------------------------------	----

Section B: Structured questions (10m)

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 Study the classification table below.

P	Q
	 squirrel
	 bat
	 dolphin

(a) The animal in group P reproduces by _____ but the animals in group Q reproduce by _____. [1m]

(b) Wati regrouped the 4 animals based on **another characteristic observed** from the diagram. She moved the bat over to group P. Explain why. [1m]

(c) Wati wanted to classify a frog into group Q based on its breathing method. Do you agree with her? Explain your answer. [1m]

7 Study the table below. A tick (✓) means the animal has that characteristic and a cross (✗) means it does not have that characteristic.

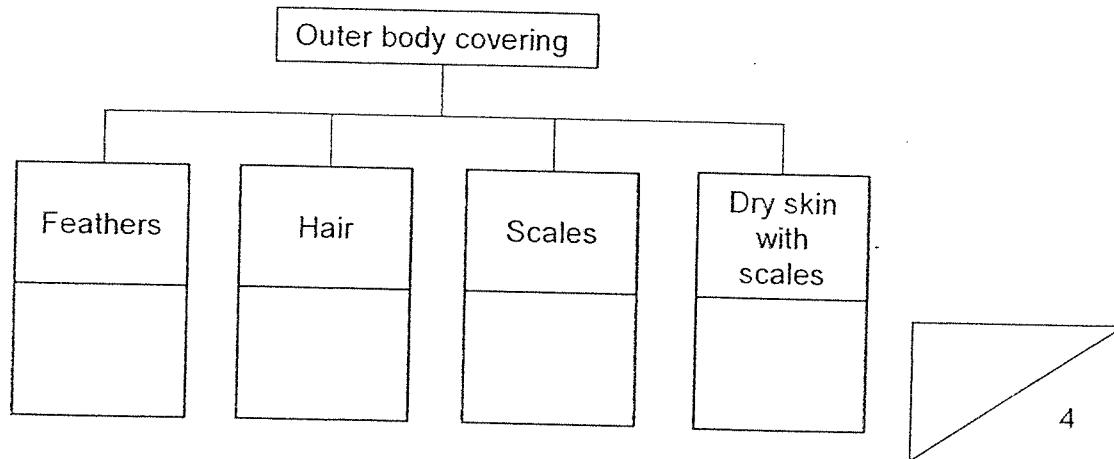
Animal	Lays eggs	Has a beak	Breathe through gills
A	✓	✗	✓
B	✓	✗	✗
C	✓	✓	✗
D	✗	✗	✗

(a) Based only on the information from the table, state a difference between animal B and C. [1m]

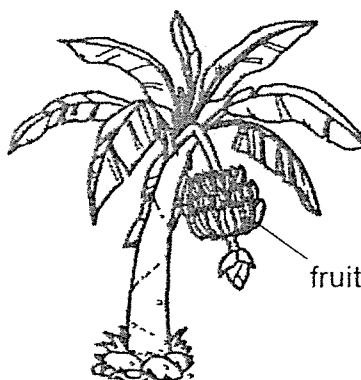
(b) Based on the table above, place the letters, A, B, C and D, into the correct animal group. [2m]

Animal	Animal group
	fish
	birds
	reptiles
	mammals

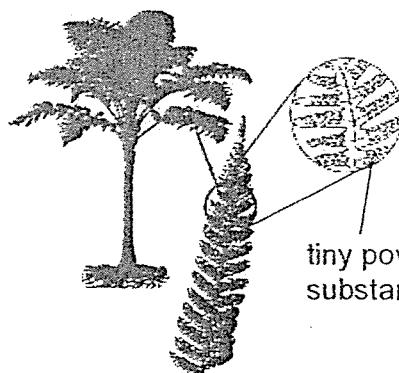
(c) Meiling wanted to regroup the four animals based on their outer body covering. Place the letters, A, B, C and D, into the correct boxes below. [1m]



8 Study the pictures of the two plants below.



Banana plant



Tree Fern

(a) Based on the diagrams above, state one observable **similarity** between the two plants. [1m]

(b) Darren noticed that the tree fern has tiny powdery substances on the underside of the leaves shown in the diagram above. What are these substances? [1m]

(c) Match the two plants to the correct group. [1m]

Banana plant

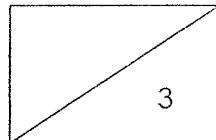


● non-flowering plant

Tree fern



● flowering plant



- End of paper -

**NHPS P3 Science Term 1 Weighted Assessment
Answers**

Qn	Ans
1	3
2	4
3	2
4	1
5	3

6.	(a) laying eggs; give birth (b) Both have wings. (c) Yes. Both breathe through lungs. Or No. A frog breathes through its *moist skin in water but mammals do not.										
7.	(a) Animal C has a beak but animal B does not have. (b) <table border="1"> <thead> <tr> <th>Animal</th> <th>Animal group</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>fish</td> </tr> <tr> <td>C</td> <td>birds</td> </tr> <tr> <td>B</td> <td>reptiles</td> </tr> <tr> <td>D</td> <td>mammals</td> </tr> </tbody> </table> (c) <pre> Outer body covering +--- Feathers +--- Hair +--- Scales +--- Dry skin with scales +--- C +--- D +--- A +--- B </pre>	Animal	Animal group	A	fish	C	birds	B	reptiles	D	mammals
Animal	Animal group										
A	fish										
C	birds										
B	reptiles										
D	mammals										
8.	(a) Both have a stem/strong stem. Both have leaves/branches. (b) They are spores/ spore bags. (c) <pre> Banana plant non-flowering plant +--- X +--- Tree fern flowering plant </pre>										

1

END

1

