



Nan Hua Primary School
Primary 3 Science
Term 1 Weighted Assessment 2021

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

Name: _____ ()

Class: Primary 3/ _____

Date: _____

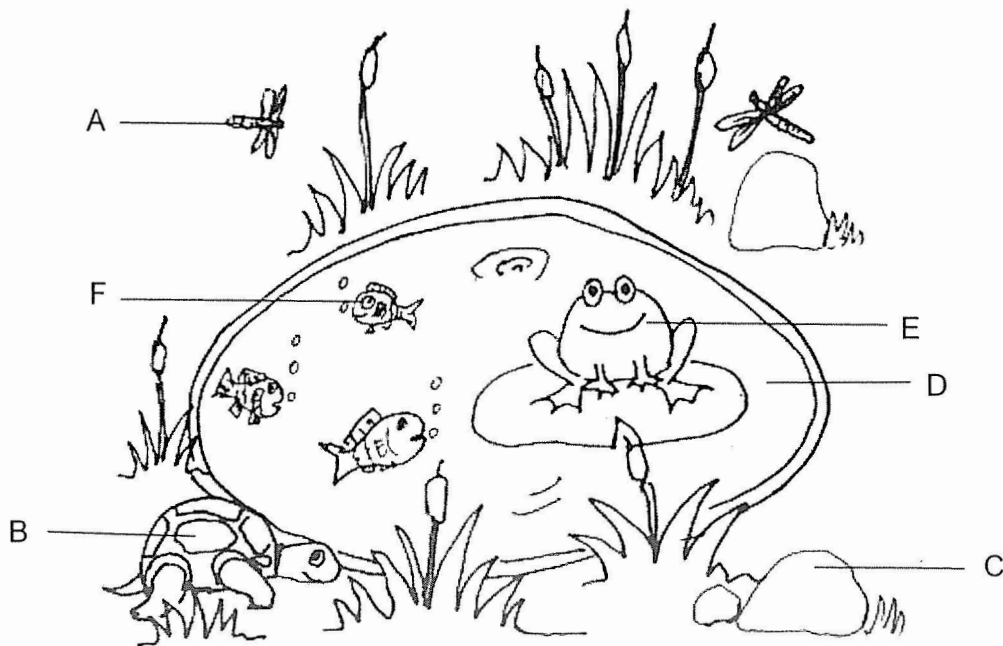
Duration: 30 minutes

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.

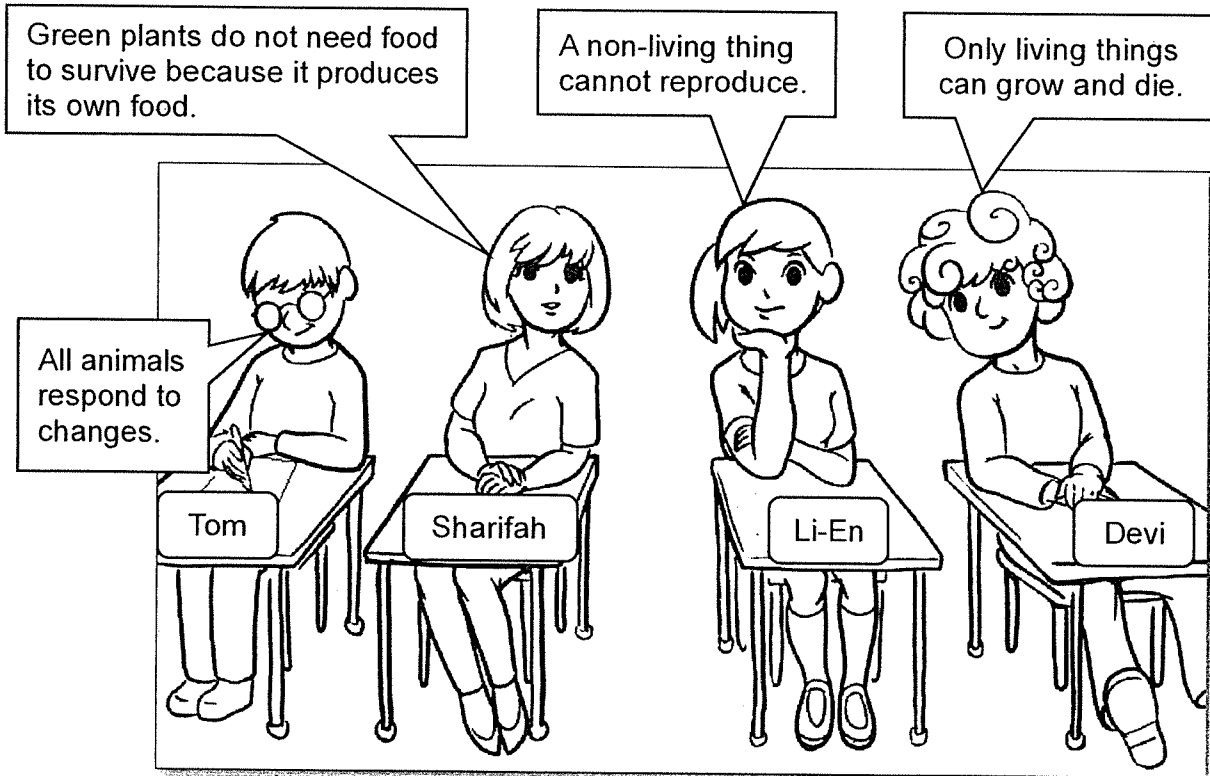
1 The picture below shows 6 things, A to F.



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.

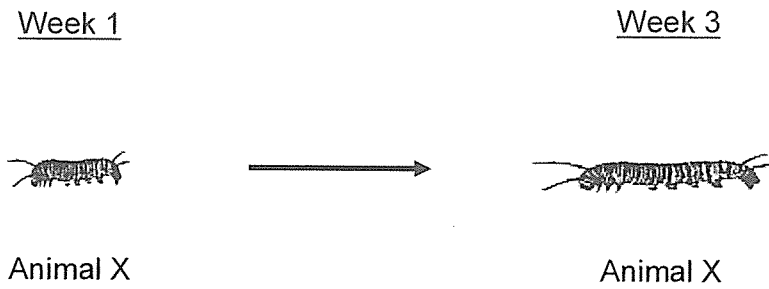


Which pupil has made a **wrong** statement?

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

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



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:

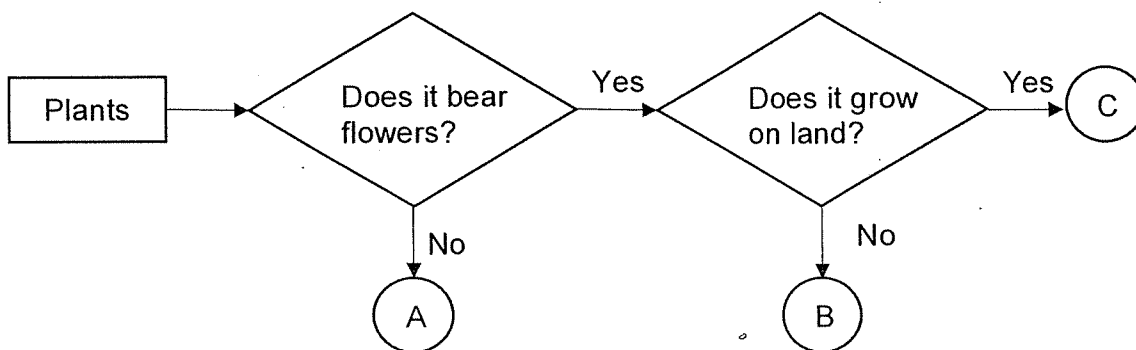
- Has wings
- Has 3 body parts
- Has hard outer body covering

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

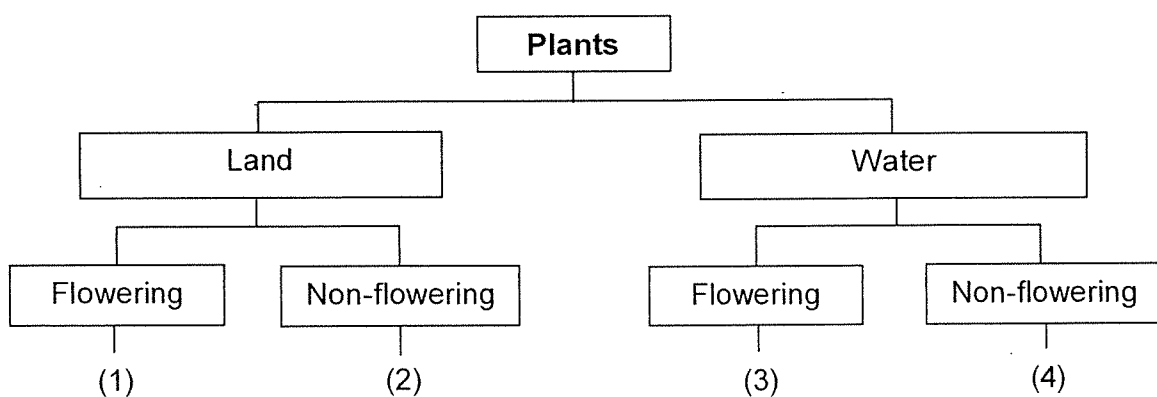
- (1) Insects
 (2) Reptiles
 (3) Mammals
 (4) Amphibians

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5 Study the flowchart below.



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



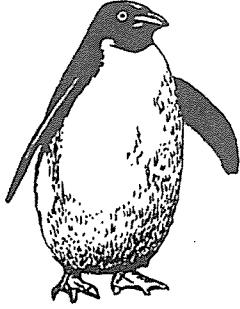
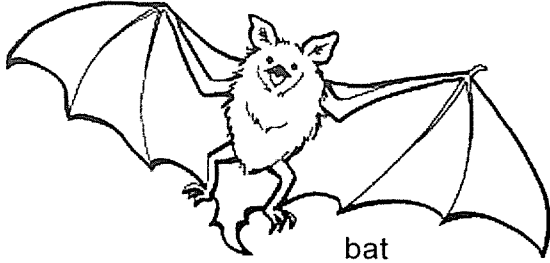
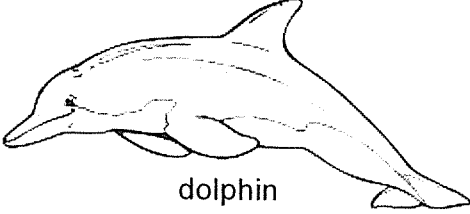
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Total marks for section A	10
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Section B: Structured questions (10m)

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

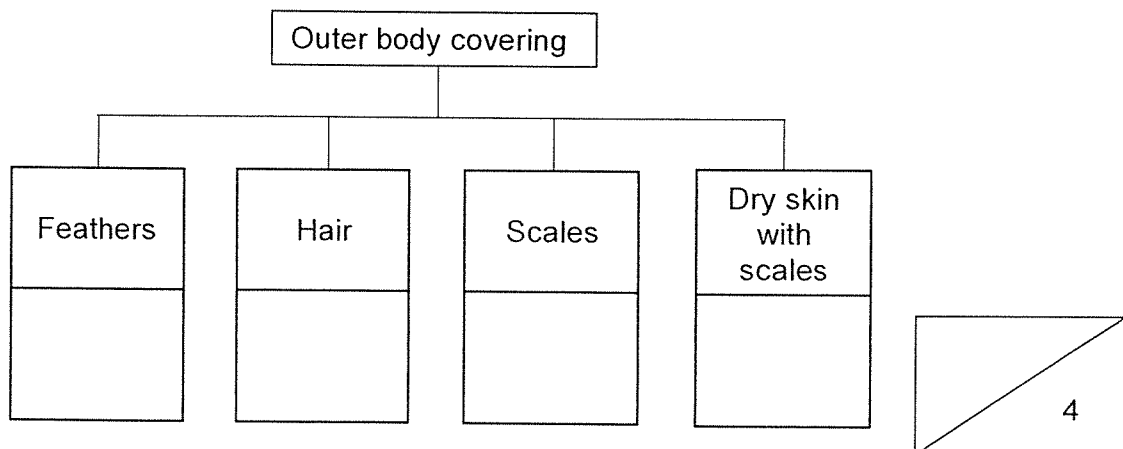
Animal	Lays eggs	Has a beak	Breathe through gills
A	✓	×	✓
B	✓	×	×
C	✓	✓	×
D	×	×	×

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

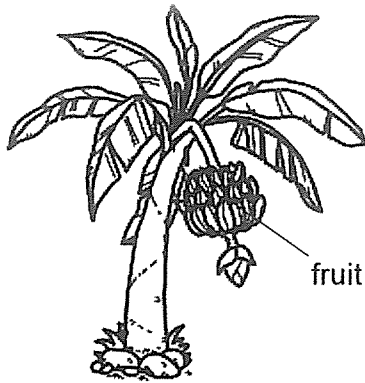
- (b) Based on the table above, place the letters, A, B, C and D, into the correct animal group. [2m]

Animal	Animal group
	fish
	birds
	reptiles
	mammals

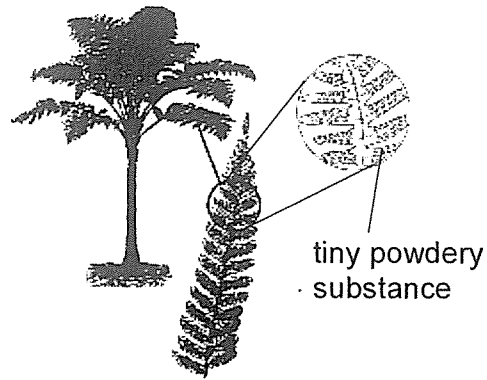
- (c) Meiling wanted to regroup the four animals based on their outer body covering. Place the letters, A, B, C and D, into the correct boxes below. [1m]



- 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]

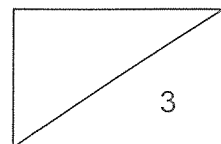
- (c) Match the two plants to the correct group. [1m]

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><tr><th>Animal</th><th>Animal group</th></tr><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></table>	Animal	Animal group	A	fish	C	birds	B	reptiles	D	mammals
Animal	Animal group										
A	fish										
C	birds										
B	reptiles										
D	mammals										
	(c) Outer body covering Feathers C Hair D Scales A Dry skin with scales B										
8.	(a) Both have a stem/strong stem. Both have leaves/branches.										
	(b) They are spores/ spore bags.										
	(c) Banana plant Tree fern non-flowering plant flowering plant										