



Nan Hua Primary School  
Primary 3 Science  
Term 1 Weighted Assessment 2020

Marks	
Section A:	/10
Section B:	/10
<b>Total:</b>	<b>/20</b>

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

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

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

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 Which of the following is **not** true for all living things?

- (1) All living things can grow.
- (2) All living things can reproduce.
- (3) All living things can make their own food.
- (4) All living things need air, food and water to survive. ( )

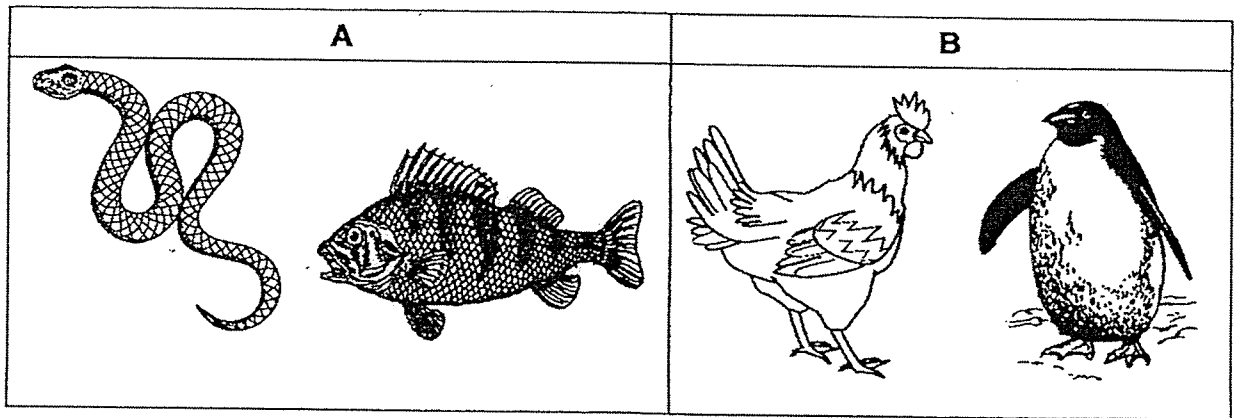
2 Mrs Lim placed some things in a glass jar as shown below.



Which of the following classification is correct?

	Living things	Non-living things
(1)	caterpillar and water	butterfly and plastic sheet
(2)	caterpillar and butterfly	plastic sheet and water
(3)	plastic sheet and water	caterpillar and butterfly
(4)	caterpillar, butterfly and water	plastic sheet ( )

3 Study the classification table below.



Which of the following best represents the headings for A and B?

	A	B
(1)	Has scales	Has feathers
(2)	Has tail	Does not have tail
(3)	Has fins	Does not have fins
(4)	Breathes through lungs	Breathes through moist skin

( )

4 The table below shows the characteristics of four animals, W, X, Y and Z. A tick ( ✓ ) indicates that the animal has the given characteristic.

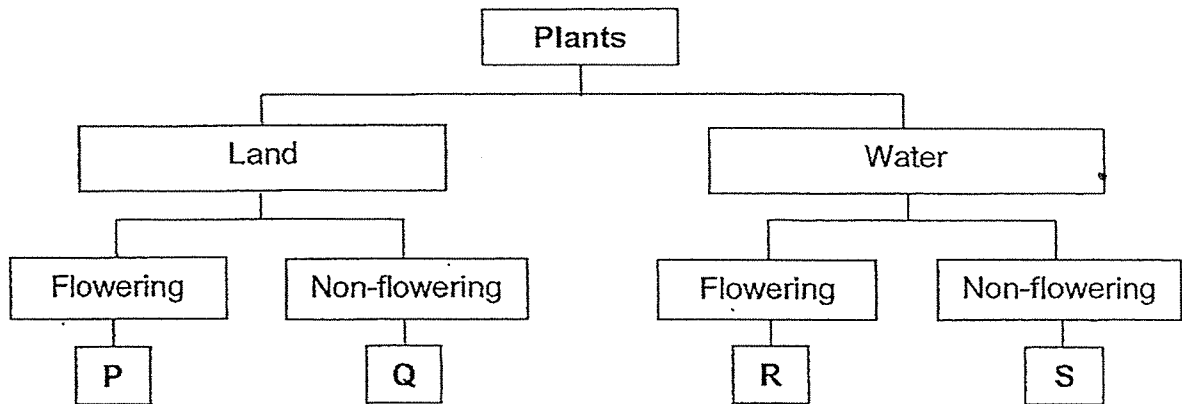
Animal	Gives birth	Has wings	Has 6 legs	Has 3 body parts
W	✓			
X	✓	✓		
Y			✓	✓
Z		✓	✓	✓

Based on the information above, which animal(s) can be insect(s)?

- (1) Y only
- (2) Z only
- (3) W and X
- (4) Y and Z

( )

- 5 Eric saw a plant floating on a pond's surface.  
This plant has small purple flowers and oval-shaped leaves.



Which of the following best represents the plant Eric saw?

- (1) P
- (2) Q
- (3) R
- (4) S

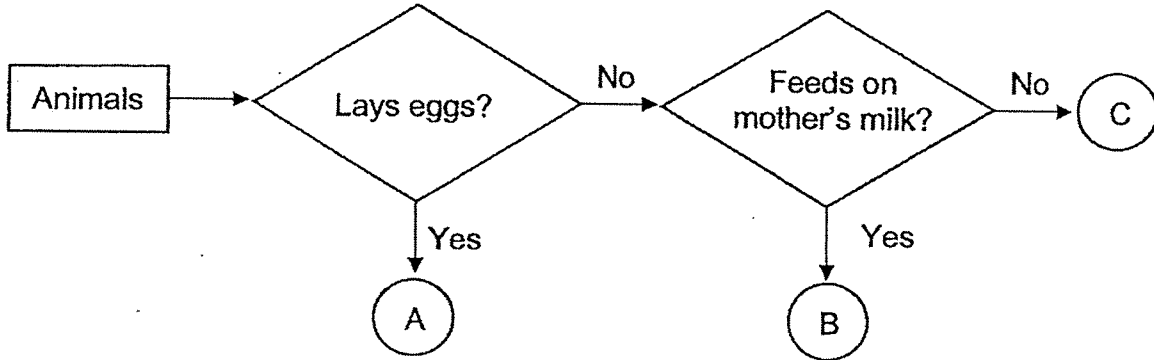
( )

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 flowchart below.



(a) Based on the flowchart, state all the characteristics of animal B.

[1m]

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(b) Based on the flowchart, state a difference between animal A and animal C.

[1m]

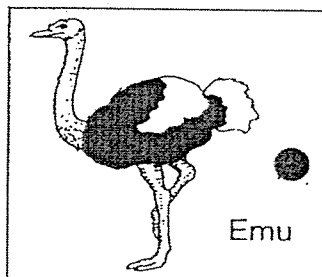
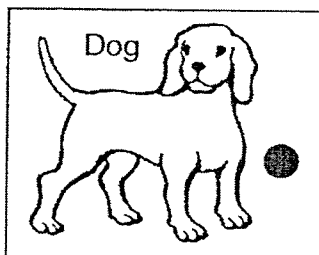
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(c) Draw 2 lines below to match the pictures to the correct animal A, B or C.

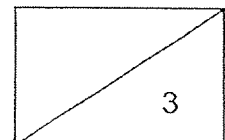
[1m]



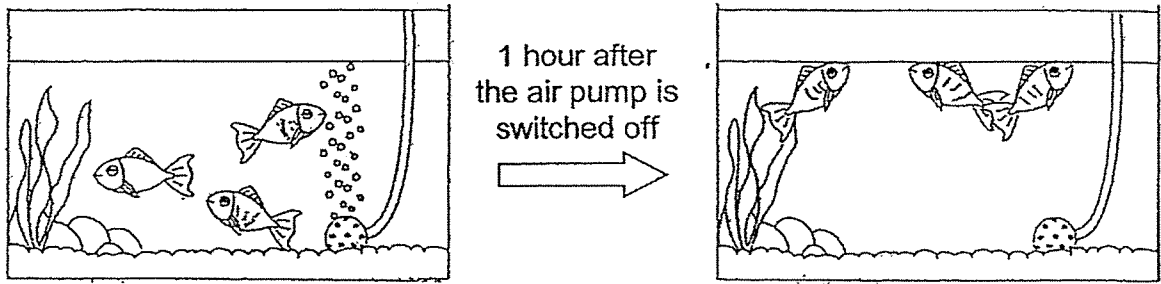
Animal A

Animal B

Animal C



7 Study the diagrams below.



(a) Fill in the blank below. [1m]

A fish breathes through its \_\_\_\_\_ in the water.

(b) Based on the diagrams, state **one observation** about the 3 fishes after 1 hour. [1m]

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(c) State two characteristics of living things shown by the fishes in the above diagrams. [2m]

Characteristic:

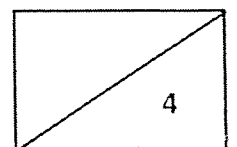
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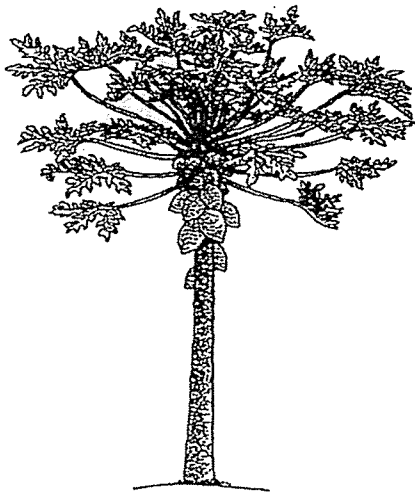
Characteristic:

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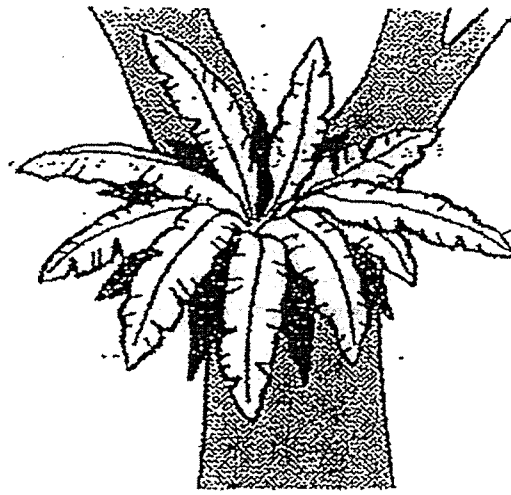
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8 Jimmy saw a papaya tree and a bird's nest fern in his school's garden.



Papaya tree



bird's nest fern

(a) Can both the papaya tree and bird's nest fern be classified as plants?  
Explain your answer.

[1m]

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(b) Fill in the blanks below.

[1m]

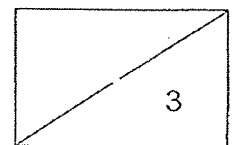
The papaya tree reproduces by \_\_\_\_\_ while the bird's nest fern  
reproduces by \_\_\_\_\_.

(c) State a difference between the papaya tree and the bird's nest fern as **observed** in the  
diagrams shown above.

[1m]

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End of paper -

## ANSWER KEY

**YEAR: 2020**

**LEVEL: PRIMARY 3**

**SCHOOL: NAN HUA PRIMARY SCHOOL**

**SUBJECT: SCIENCE**

**TERM: CA1**

### BOOKLET A

Q1	3	Q2	2	Q3	1	Q4	4	Q5	3
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### BOOKLET B

Q6	<p>a) Animal B does not lay eggs and it feeds on its mother milk.</p> <p>b) Animal A lays eggs but Animal C does not.</p> <p>c) Dog-----Animal B Emu-----Animal A</p>
Q7	<p>a) gills</p> <p>b) The fishes swam up after the air pump was switched off after 1 hour.</p> <p>c) Living things need air to survive and it is able to respond to changes.</p>
Q8	<p>a) Yes. Because both of them are able to make food on their own.</p> <p>b) The papaya tree reproduces by seeds while the bird nest fern reproduces by spores.</p> <p>c) The papaya tree bear fruits but the bird's nest fern does not bear fruits .</p>