

1(a)

NAN HUA PRIMARY SCHOOL

SCIENCE PRIMARY THREE Chapter 2: Plants Chapter 3: Animals Worksheet (3)

Marks
12

Name : _____ () Date: _____

Class : P3 _____

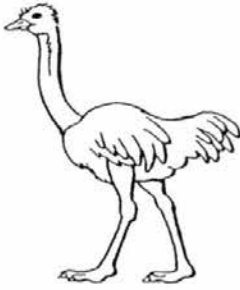



Parent's Signature _____

Date: _____

Section A (4 X 2 marks = 8 marks)

For each question from 1 to 4, four options are given. One of them is the correct answer. Make your choice (1, 2, 3 or 4). Write the correct answer in the brackets provided.

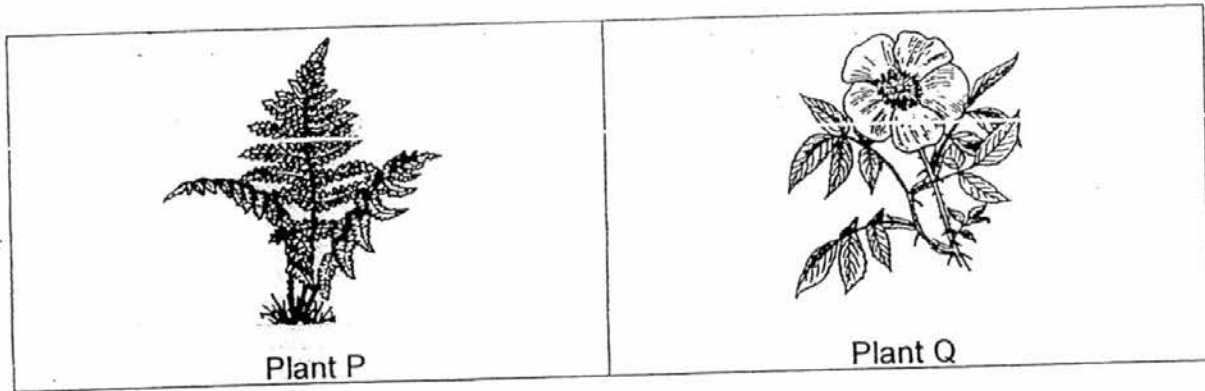
1. Based on your observations, which of the following animals is not a bird?

 Animal A	 Animal B
 Animal C	 Animal D

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

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2. Look the pictures below.

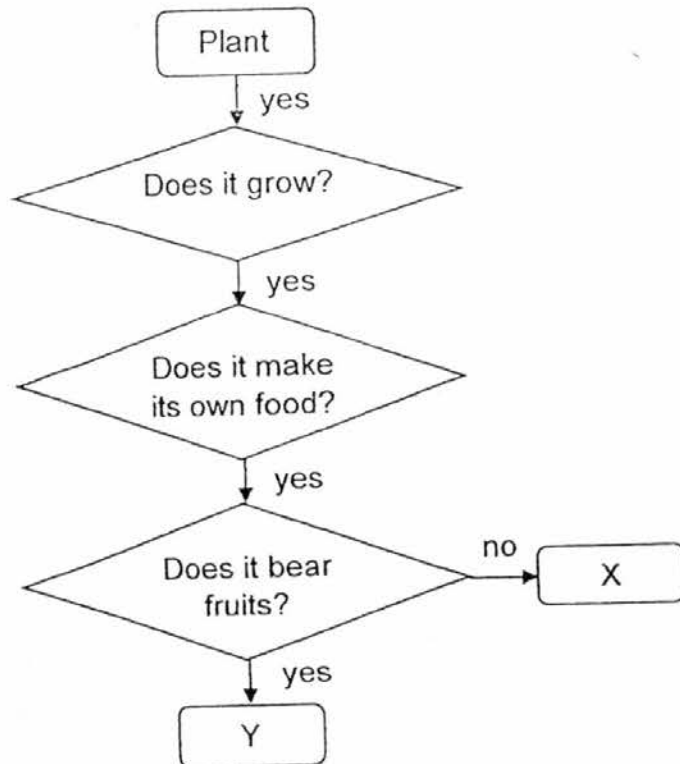


How are the two plants similar?

- (1) They bear fruits.
- (2) They have stems.
- (3) They produce flowers.
- (4) They do not have leaves.

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3. Study the flowchart below.



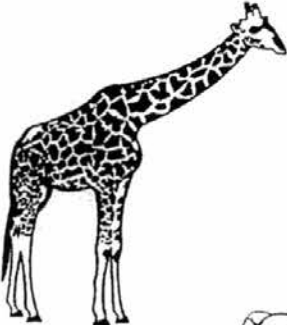
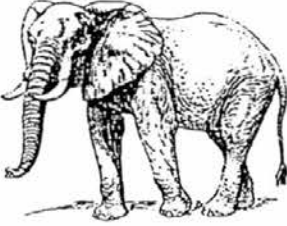


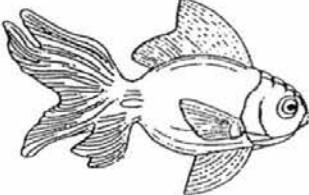
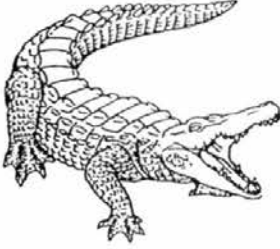
What are the common characteristics Plant X and Plant Y?

- A. They grow.
- B. They produce fruits.
- C. They make their own food.

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

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4. Study the pictures shown below.

Group A	Group B
 <p>Giraffe</p>  <p>Elephant</p>  <p>Zebra</p>	 <p>Snake</p>  <p>Goldfish</p>  <p>Crocodile</p>

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

	Group A	Group B
(1)	Mammals	Reptiles
(2)	Lives on land only	Lives in water only
(3)	Give birth to its young	Lay eggs
(4)	Covered with feathers	Covered with scales

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Section B (2 X 2 marks = 4 marks)

Write your answers in the blanks provided.

5. Jane has two plants, Plant P and Plant Q.

(a) Which of the characteristic(s) below can she use to determine which of the two plants is a flowering plant? [1m]

Tick (✓) the correct answer(s).

Presence of fruits	
Presence of leaves	
Presence of flowers	
Ability to make its own food	

(b) David said, "Ferns do not produce fruits."

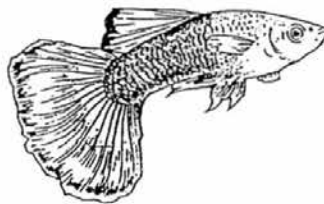
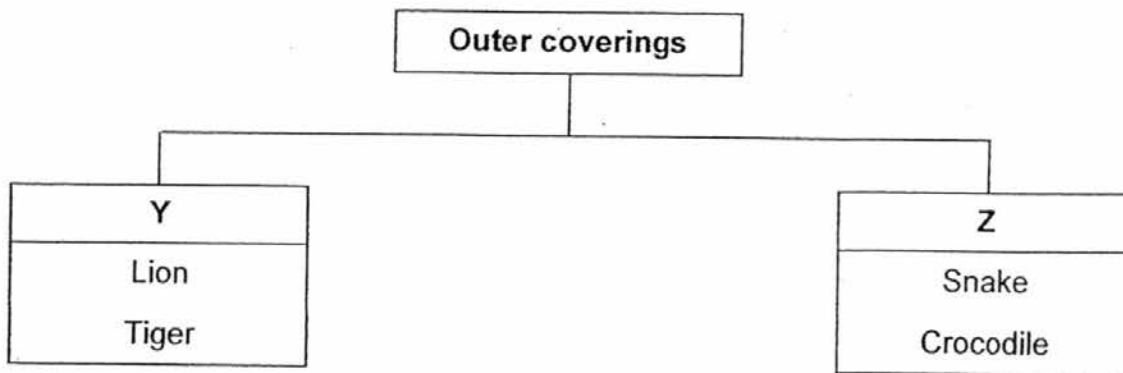
Susan said, "Ferns cannot make its own food."

Maria said, "Ferns do not need water to survive."

Whose statement is correct? Explain your answer.

[1m]

6. The diagram below shows how some animals can be grouped according to their outer coverings.



Guppy

(a) Based on the picture above, in which group (Y or Z) would you classify the guppy? Explain your answer. [1m]

(b) If the above animals were classified according to the way they reproduce, which group (Y or Z) would you classify the guppy? Explain your answer. [1m]

END.

NAN HUA PRIMARY SCHOOL

SCIENCE
PRIMARY THREE

Chapter 1: Living Things & Non-living Things
Worksheet (3)

Marks
12

Name : _____ () Date: _____

Class : P3 _____

Parent's Signature

Date:

Section A (4 X 2 marks = 8 marks)

For each question from 1 to 4, four options are given. One of them is the correct answer. Make your choice (1, 2, 3 or 4). Write the correct answer in the brackets provided.

1. Jack noticed a flag moving in the direction of the wind.



Which of the following statements is correct? The flag is a _____.

- (1) non-living thing because it can grow.
- (2) living thing because it can move on its own.
- (3) living thing because it responds to the wind.
- (4) non-living thing because it does not need air, food and water to survive.

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2. Jane was watching a bird on the road. The bird flew away immediately when a car drove past. Which characteristic of living things does this show?

- (1) Living things grow.
- (2) Living things can reproduce.
- (3) Living things respond to changes around them.
- (4) Living things need air, food and water to survive.

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3. Study the table below. Which of the following group is classified incorrectly?

	Non-living things	Living things
(1)	bag	snail
(2)	grass	cat
(3)	chair	fern
(4)	pencil case	hibiscus

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4. Mary was observing her neighbour's pet dog.



Which of the following observations made by her does not show that the dog is a living thing?

- (1) It drinks water.
- (2) It is covered with fur.
- (3) It barks at strangers walking by.
- (4) It is bigger in size as compared to a month ago.

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Section B (2 X 2 marks = 4 marks)

Write your answers in the blanks provided.

5. Ravi observes two things, X and Y, over a period of time. He records the height of the two things as shown in the table below.

Thing X			
No. of weeks	2	4	6
Height (cm)	200	200	200

Thing Y			
No. of weeks	2	4	6
Height (cm)	70	98	120

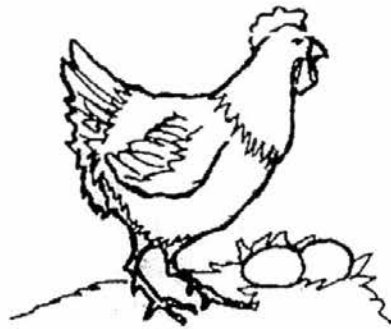
- (a) Study the tables above carefully. State whether the following statements are 'True', 'False' or 'Not possible to tell'. Put a tick (✓) in the correct boxes. [1m]

Statement	True	False	Not possible to tell
i. Thing X is a non-living thing.			
ii. Thing Y is a plant.			

- (b) Give a reason for your answer in (a)(i). [1m]

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6. Farmer John observed his chicken laying eggs in his farm.



(a) The above shows that living things can _____ . [1m]

(b) Which of the following shows the same characteristic of living things as (a)?

Put a tick (✓) in the correct box.

[1m]

i. A puppy becoming an adult dog.	<input type="checkbox"/>
ii. A cat giving birth to its young alive.	<input type="checkbox"/>
iii. A mimosa plant folding its leaves when touched.	<input type="checkbox"/>

**NAN HUA PRIMARY SCHOOL
SCIENCE
PRIMARY THREE**

**Topic: Diversity of Living Things
Worksheet 3**

Answer Key

Section A (4 X 2 marks)

1. (3)
2. (2)
3. (3)
4. (3)

Section B (2 X 2 marks)

5 (a)	<table border="1" style="width: 100%; border-collapse: collapse;"> <tbody> <tr> <td style="width: 80%;">Presence of fruits</td> <td style="width: 20%; text-align: center;">✓ (1/2 m)</td> </tr> <tr> <td>Presence of leaves</td> <td></td> </tr> <tr> <td>Presence of flowers</td> <td style="text-align: center;">✓ (1/2 m)</td> </tr> <tr> <td>Ability to make its own food</td> <td></td> </tr> </tbody> </table>	Presence of fruits	✓ (1/2 m)	Presence of leaves		Presence of flowers	✓ (1/2 m)	Ability to make its own food		1m
Presence of fruits	✓ (1/2 m)									
Presence of leaves										
Presence of flowers	✓ (1/2 m)									
Ability to make its own food										
5 (b)	<p>David. Ferns are non-flowering plants and do not produce fruits. Only flowering plants produce fruits.</p> <p><i>Award 0 mark if pupil state 'David' as the answer without giving an explanation</i></p>	1m								
6 (a)	<p>Z. Guppies have scales as outer covering like snakes and crocodiles.</p> <p><i>Award 0 mark if pupil state 'Z' as the answer without giving an explanation.</i></p>	1m								
6 (b)	<p>Y. Guppies give birth to their young alive like lions and tigers.</p>	1m								

**NAN HUA PRIMARY SCHOOL
SCIENCE
PRIMARY THREE**

**Topic: Living Things & Non-living Things
Worksheet 3**

Answer Key

Section A (4 X 2 marks)

1. (4)
2. (3)
3. (2)
4. (2)

Section B (2 X 2 marks)

5 (a)	<table border="1" style="margin: auto; border-collapse: collapse;"> <thead> <tr> <th style="padding: 5px;">Statement</th> <th style="padding: 5px;">True</th> <th style="padding: 5px;">False</th> <th style="padding: 5px;">Not possible to tell</th> </tr> </thead> <tbody> <tr> <td style="padding: 5px;">i. Object X is a non-living thing.</td> <td style="text-align: center; padding: 5px;">✓ (1/2 m)</td> <td style="padding: 5px;"></td> <td style="padding: 5px;"></td> </tr> <tr> <td style="padding: 5px;">ii. Object Y is a plant.</td> <td style="padding: 5px;"></td> <td style="padding: 5px;"></td> <td style="text-align: center; padding: 5px;">✓ (1/2 m)</td> </tr> </tbody> </table>	Statement	True	False	Not possible to tell	i. Object X is a non-living thing.	✓ (1/2 m)			ii. Object Y is a plant.			✓ (1/2 m)	1m
Statement	True	False	Not possible to tell											
i. Object X is a non-living thing.	✓ (1/2 m)													
ii. Object Y is a plant.			✓ (1/2 m)											
5 (b)	<p>Living things grow (1m) and the table shows that Thing X does not increase in height (1m) therefore it is a non-living thing.</p> <p>OR</p> <p>Non-living things do not grow (1m) and the table shows that the height of Thing X remains the same (1m), therefore it is a non-living thing.</p>	1m												
6 (a)	The above shows that living things can reproduce .	1m												
6 (b)	<table border="1" style="margin: auto; border-collapse: collapse;"> <tbody> <tr> <td style="padding: 5px;">i. A puppy becoming an adult dog.</td> <td style="padding: 5px;"></td> </tr> <tr> <td style="padding: 5px;">ii. A cat giving birth to its young alive.</td> <td style="text-align: center; padding: 5px;">✓</td> </tr> <tr> <td style="padding: 5px;">iii. A mimosa plant folding its leaves when touched.</td> <td style="padding: 5px;"></td> </tr> </tbody> </table> <p style="margin-top: 5px;">If pupil ticks more than one, award zero mark.</p>	i. A puppy becoming an adult dog.		ii. A cat giving birth to its young alive.	✓	iii. A mimosa plant folding its leaves when touched.		1m						
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