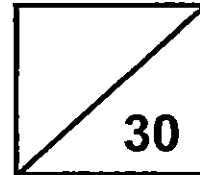




Rosyth School
Topical Test for 2015
SCIENCE
Primary 3

Name: _____

Total
Marks:



Class: Pr 3 _____

Register No. _____

Duration: 50min

Date: 2 March 2015

Parent's Signature: _____

Instructions to Pupils:

1. Do not open the booklet until you are told to do so.
2. Follow all instructions carefully.
3. This paper consists of 2 sections, Part I and Part II.
4. For questions 1 to 7, write the correct answer in the brackets provided.
5. For questions 8 to 12, give your answers in the spaces provided in Part II.

	Maximum	Marks Obtained
Part I	14 marks	
Part II	16 marks	
Total	30 marks	

* This booklet consists of 10 pages. (pg. 1 to 10)

Part I (14 marks)

For each question from 1 to 7, 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 bracket provided.

1. Study the classification table below.

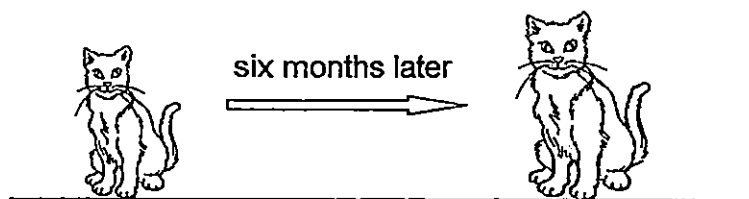
Things	
Non-living things	Living things
ice	tree
fan	bird
chair	cloud
newspaper	snake

Which one of the things above has been classified wrongly?

- (1) ice
- (2) fan
- (3) tree
- (4) cloud

()

2. Which characteristic of living things does the picture below show?



- (1) Living things can grow.
- (2) Living things can reproduce.
- (3) Living things can move from one place to another.
- (4) Living things can respond to changes around them.

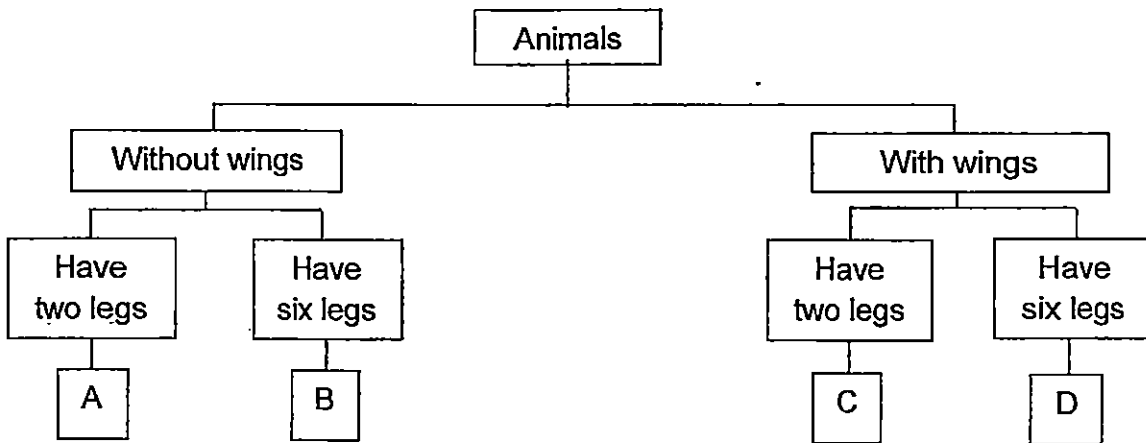
()

3. Mrs Lee was cooking in the kitchen when she realised that her baby was crying in the room. Which one of the sense organs did she use?

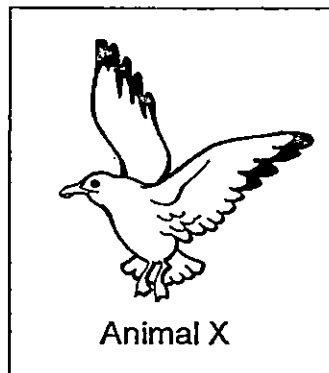
- (1) Ears
- (2) Nose
- (3) Skin
- (4) Tongue

()

4. Study the classification diagram below.



Which group in the classification diagram above does Animal X belong to?



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

()

5. Study the table below carefully. A tick (✓) shows that the animal has the characteristic.

Animals	Has two legs	Has wings	Has hair as outer covering	Adult lives both on land and in water
X		✓		
Y			✓	
Z				✓

Three students made a statement on each of the animal in the classification diagram above. Which of the following statement(s) is/are correct?

Alice : Animal X must be a bird as it has wings.

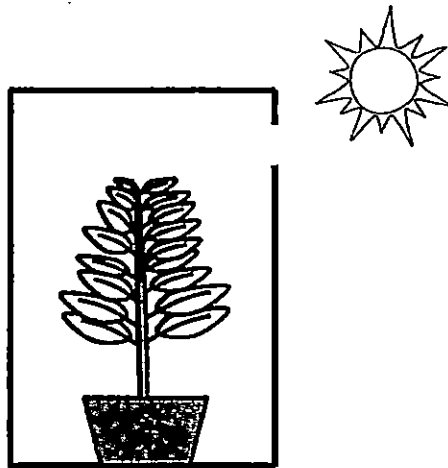
Betty : Animal Y is a mammal as it has hair as its outer covering.

Charlie : Animal Z is an amphibian as it lives on land and in water at adult stage.

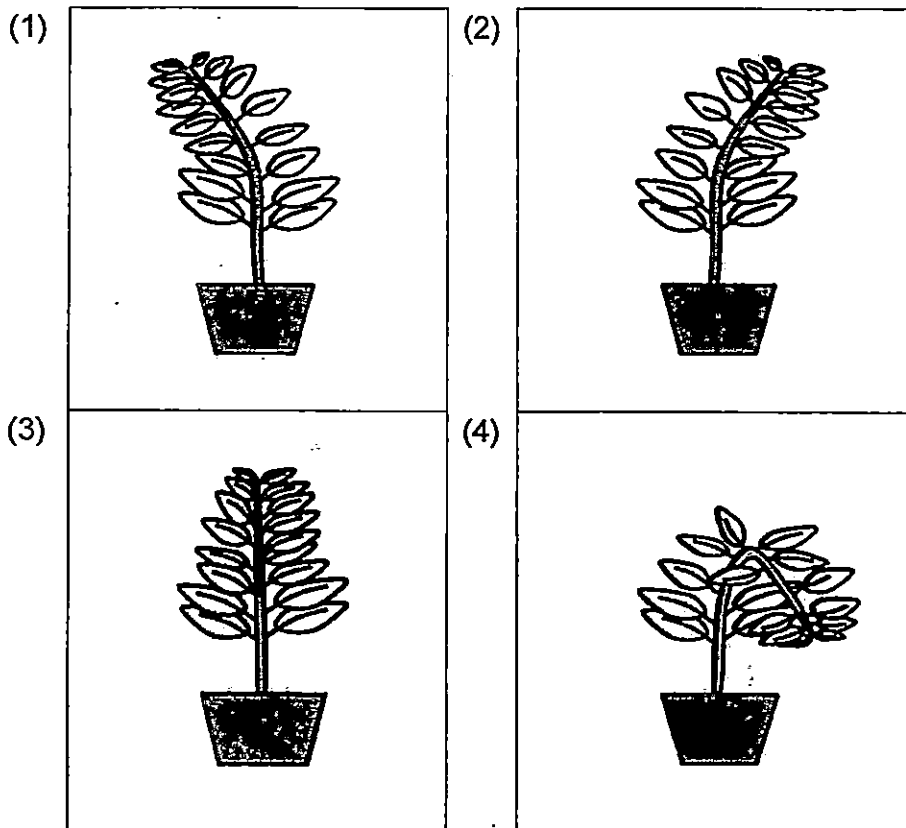
- | | |
|--------------------|----------------------|
| 1) Betty only | 2) Charlie only |
| 3) Alice and Betty | 4) Betty and Charlie |

()

6. A plant was put into a wooden box as shown in the diagram below. It was given enough water daily.

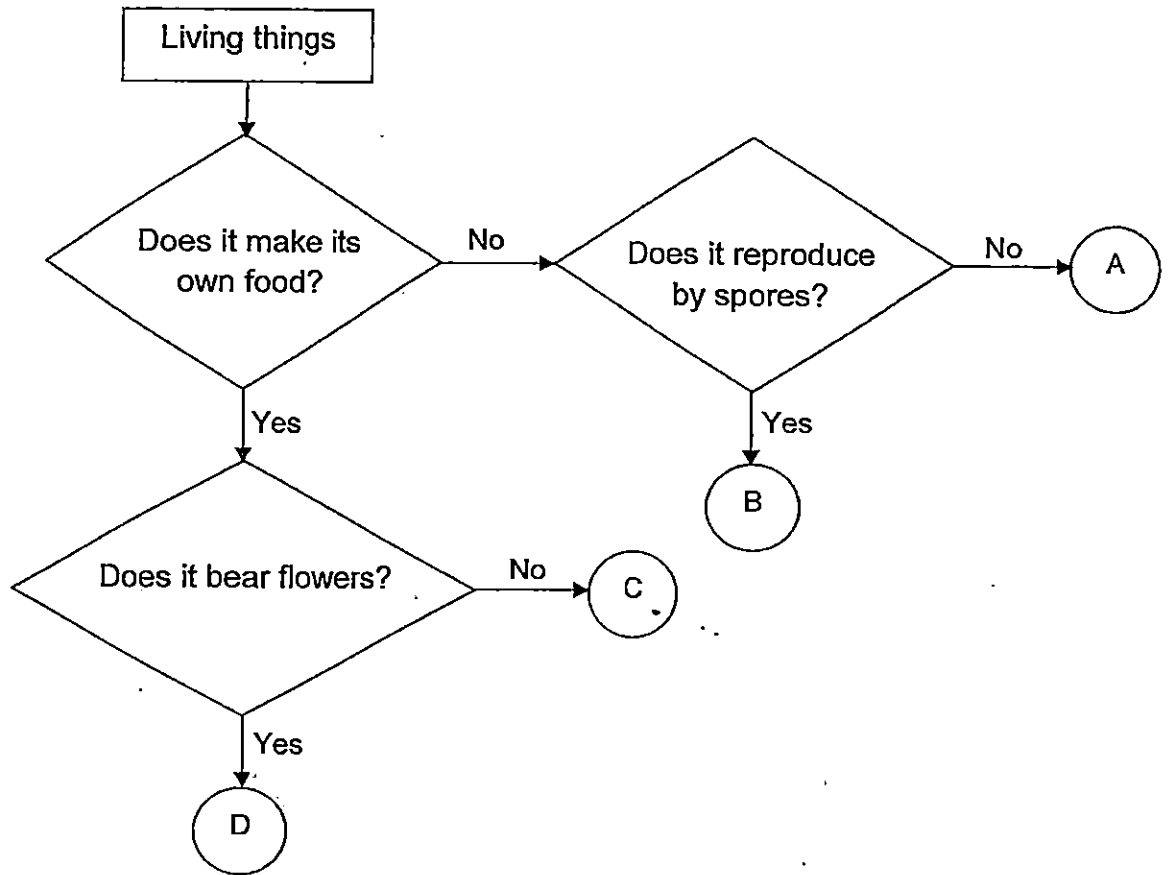


Which of the following diagram best shows how the plant would look like a few days later?



()

7. Study the flowchart below carefully.



Jim saw a pot of plant when he visited the Science garden. He turned the underside of the leaves and found neatly arranged spore bags.

Based on Jim's observation, in which group can the plant be placed?

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

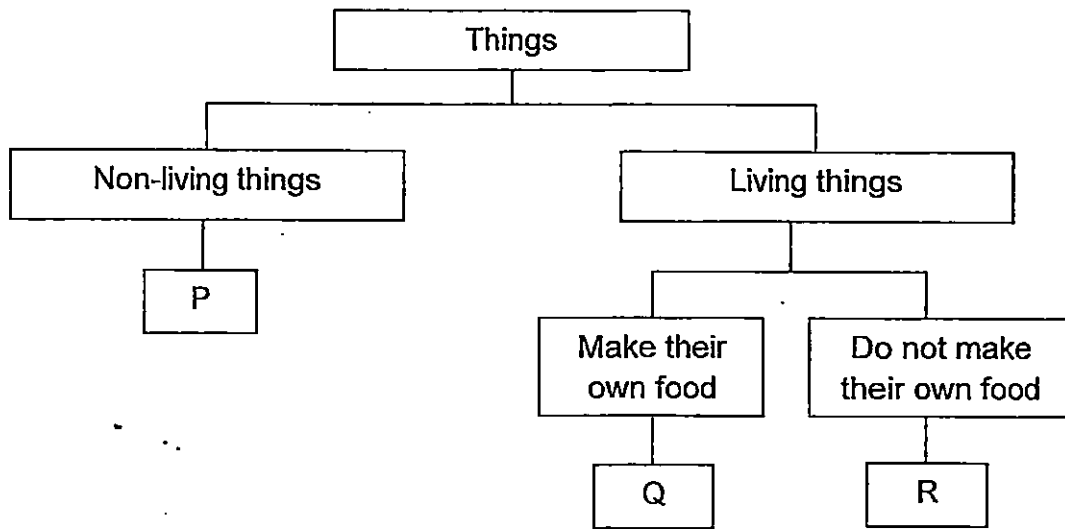
()

End of Part I

Part II (16 marks)

For questions 8 to 12, write your answers in the blanks provided.

8. Study the classification diagram below.

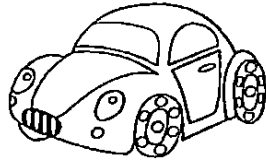


(a) Based on the classification diagram above, state the difference between Q and R. (1m)

(b) Based on the classification diagram above, write the letter (P, Q or R) that best represents the following things in the given boxes below. (1m)

(i)	Table	:	<input type="text"/>
(ii)	Mushroom	:	<input type="text"/>

9. Jane has a toy car and a puppy.



toy car



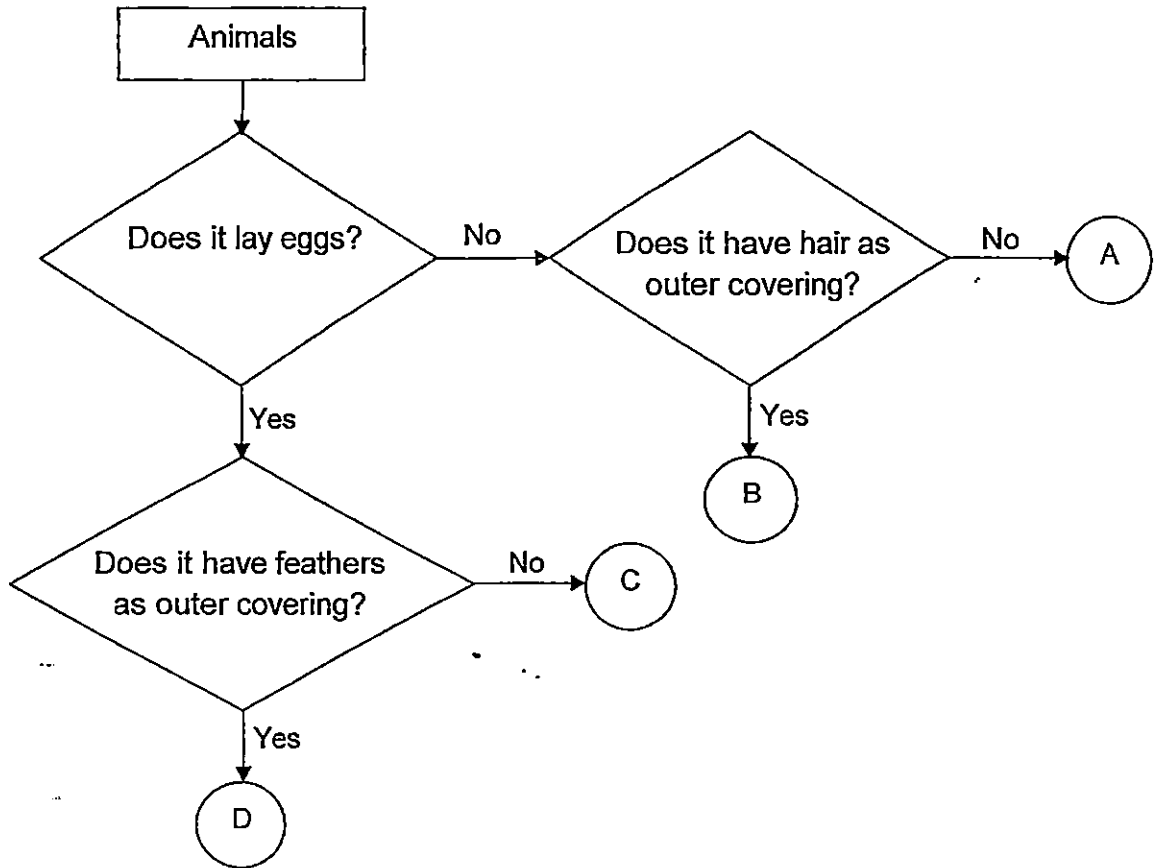
puppy

(a) Complete the table below by writing 'toy car' and 'puppy' in the correct boxes. (1m)

Things	Can it move?	Can it grow?	Does it respond to changes?
(i) _____	Yes	Yes	Yes
(ii) _____	Yes	No	No

(b) Jane said that the toy car is a living thing as it can move. Do you agree with Jane? Support your answer with two reasons. (2m)

10. Study the flowchart below carefully.

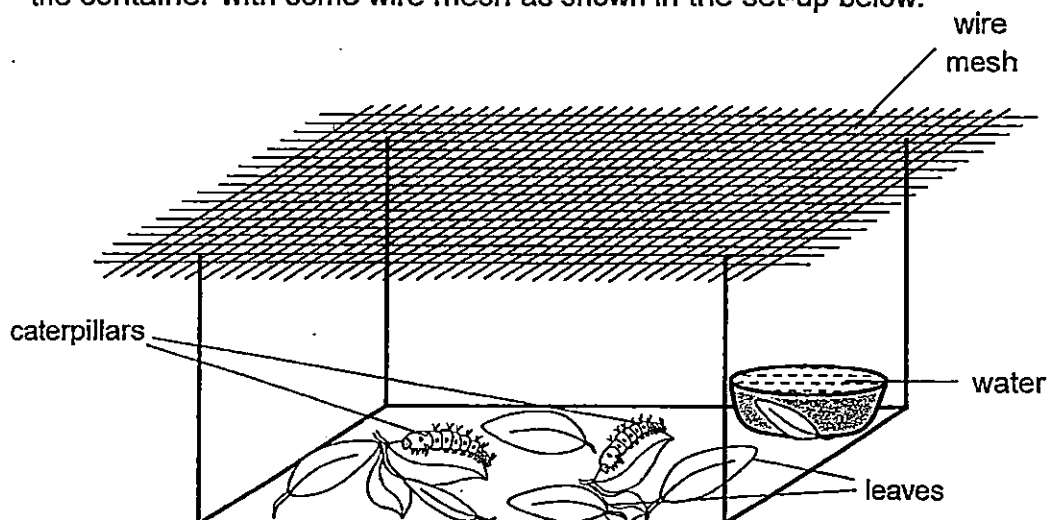


(a) From the flowchart, state the similarity between Animal A and Animal B. (1m)

(b) From the flowchart, state the difference between Animal C and Animal D. (1m)

(c) Ali said that Animal D can be a chicken. Do you agree with him? Support your answer with a reason. (1m)

11. Tom put two caterpillars in a container with some water and leaves. He covered the container with some wire mesh as shown in the set-up below.




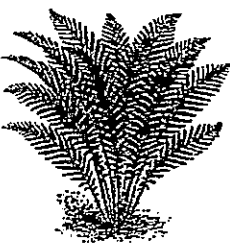
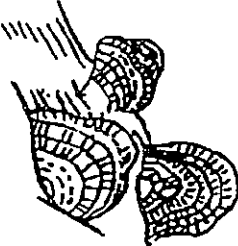

- (a) What would most likely happen to the number of leaves in the container after a few days? (1m)

- (b) Based on the above set-up, state the needs of living things. (1m)

- (c) Give a reason why Tom used the wire mesh to cover the container instead of a container lid. (1m)

- (d) Tom noticed that the caterpillars were on the wire mesh an hour later. State the characteristic of living things that is observed. (1m)

12. Study the classification table below.

Living Things	
Group A	Group B
	
	

(a) Which group of living things do Group A and B belong to? (2m)

Group A : _____

Group B : _____

(b) Group A does not need sunlight but Group B needs sunlight to survive. Explain why. (2m)

End Of Paper.



EXAM PAPER 2015

LEVEL : PRIMARY 3

SCHOOL : ROSYTH SCHOOL

SUBJECT : SCIENCE

TERM : CA1

Q 1	Q 2	Q 3	Q 4	Q 5	Q 6	Q 7
4	1	1	3	4	2	3

Q8a. R cannot make its own food but Q can .

Q8b. (i) Table : P Q8b (ii) R

Q9a. (i) puppy Q9a (ii) toy car

Q9b. No, the toy car cannot grow and respond to changes , living things can grow and respond to changes.

Q10a. Both of them do not lay eggs.

Q10b. Animal C does not have feathers but animal D has feathers.

Q10c. Animal D, because chickens have feathers and lay eggs and animal D dos has both.

Q11a. There will be lesser leaves because the caterpillars will eat the leaves.

Q11b. Living things need air, food and water.

Q11c. Tom used wire mesh because it lets in air for the caterpillar to breathe but a container lid does not.

Q11d. Living things move by themselves.

Q12a. Fungi / Plants

Q12b. Group A (Fungi) feeds on the rotting food / trees food and does not need sunlight to survive while Group B (plants) need sunlight to make food to survive.