

ANGLO-CHINESE SCHOOL  
(JUNIOR)



CONTINUAL ASSESSMENT 1 (2013)  
PRIMARY 3

SCIENCE

BOOKLET A

WEDNESDAY

27 FEBRUARY 2013

1 HOUR

Name : \_\_\_\_\_ (     )

Class : P3 \_\_\_\_\_

**INSTRUCTIONS TO PUPILS**

**DO NOT TURN OVER THE PAGES UNTIL YOU ARE TOLD TO DO SO**

Follow all instructions carefully.

There are 15 questions in this booklet.

Answer **ALL** questions.

**INFORMATION FOR PUPILS**

The total marks for this booklet is 30.

The total time for Booklets A and B is 1 hour.





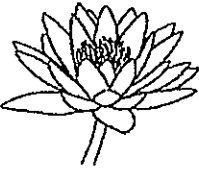

**This question paper consists of 8 printed pages. (Inclusive of cover page)**

**Section A (30 marks)**

For each question from 1 to 15, four options are given. One of them is the correct answer.

Choose the correct option (1, 2, 3 or 4) and shade the correct oval on the Optical Answer Sheet (OAS).

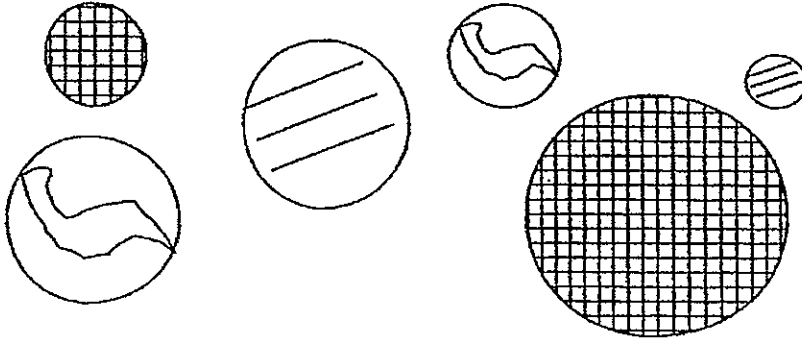
1 Some plants have been classified in the following groups:

Group A		Group B	
	Plant A		Plant D
	Plant B		Plant F
	Plant C		Plant G

Which plant was classified wrongly?

- (1) A
- (2) B
- (3) F
- (4) G

2 Jack has some marbles as shown below.



He wants to put the marbles into three groups. Which of the following properties can be used to classify them?

- A By size
  - B By shape
  - C By pattern
- (1) C only  
(2) A and B only  
(3) A and C only  
(4) B and C only

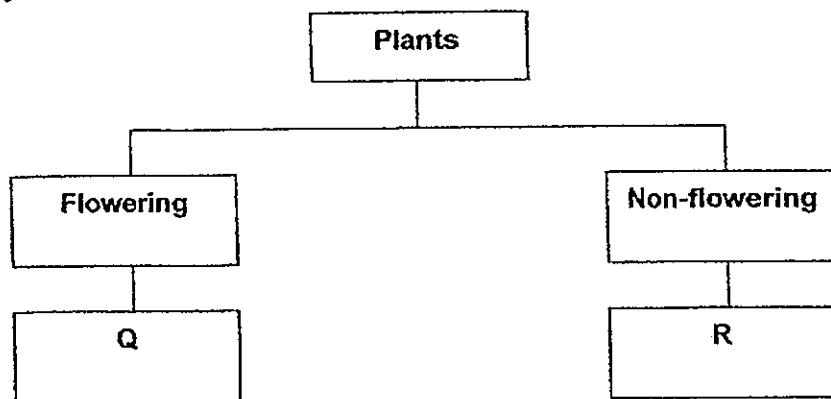
3. There are many books in the school library. Mark can search for the books he needs based on its \_\_\_\_\_.

- A title
  - B size
  - C author
  - D colour
- (1) A and B only  
(2) A and C only  
(3) B and C only  
(4) B and D only

4 Alan saw a snail crawling on the ground. He touched it gently and observed that the snail moved into its shell immediately. What does this tell you about living things?

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

5 Study the classification table below.



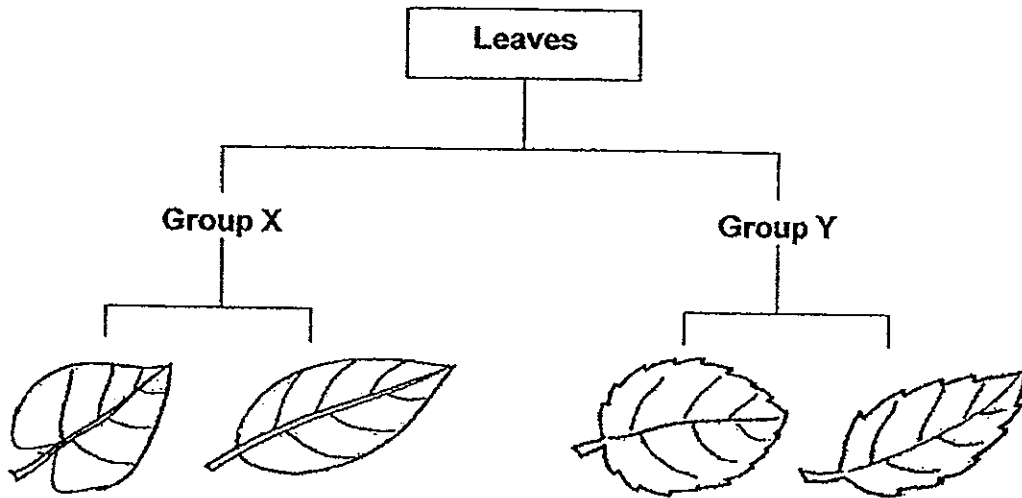
Which of the following can be Q and R?

	Q	R
(1)	Ixora	Ladder fern
(2)	Allamanda	Ixora
(3)	Moss	Ladder fern
(4)	Moss	Allamanda

6 A car is a non-living thing because it \_\_\_\_\_.

- (1) cannot grow
- (2) cannot move
- (3) needs air to survive
- (4) needs water to survive

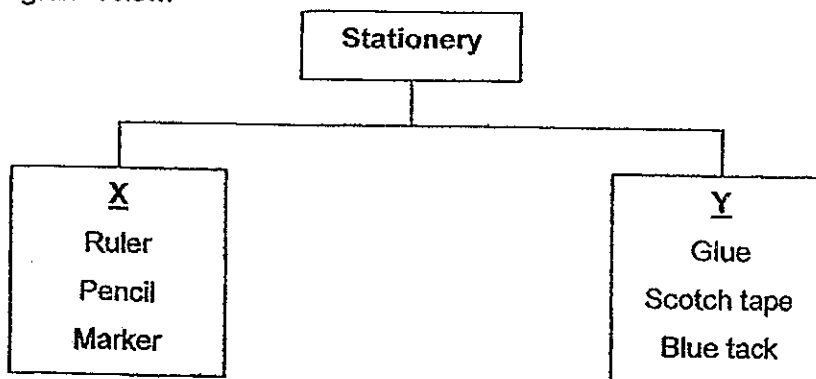
7 Study the classification table below.



Which one of the following best describes Group X?

- (1) Oval-shaped
- (2) Heart-shaped
- (3) Smooth-edged
- (4) Jagged-edged

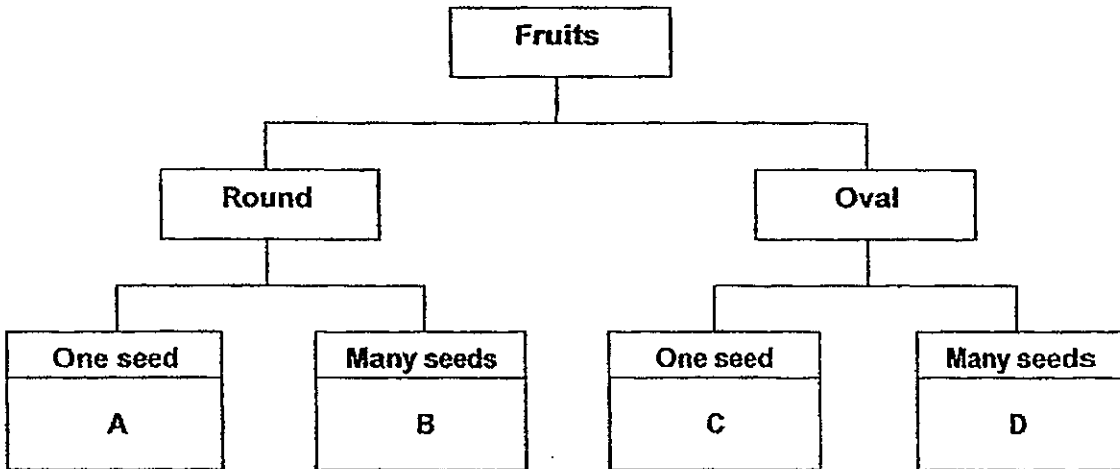
8 Gavin classified the stationery found in his classroom based on their uses as shown in the diagram below.



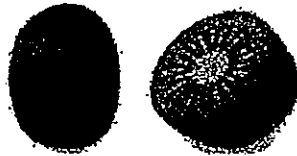
Which object has been grouped wrongly?

- (1) glue
- (2) ruler
- (3) marker
- (4) scotch tape

9 Bernard drew the following classification chart.



Which group should he classify the fruit below?



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

10 Alex placed 100g of food and 100ml of water in three containers, X, Y and Z. He recorded the amount of food and water left at the end of a week.

Container	Amount of water (ml)	Amount of food (g)
X	43	33
Y	28	38
Z	100	100

Based on the above information, which containers contain a living thing?

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

11 Tom picked up a dry leaf. His teacher said that it was a non-living thing because it \_\_\_\_\_.

- A can move on its own
- B cannot grow anymore
- C cannot reproduce anymore

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

12 Mrs Lee has some flowering plants in her garden. She is able to tell that the plants are flowering because they have \_\_\_\_\_.

- (1) fruits
- (2) woody stems
- (3) spores on their leaves
- (4) different leaf shapes and veins

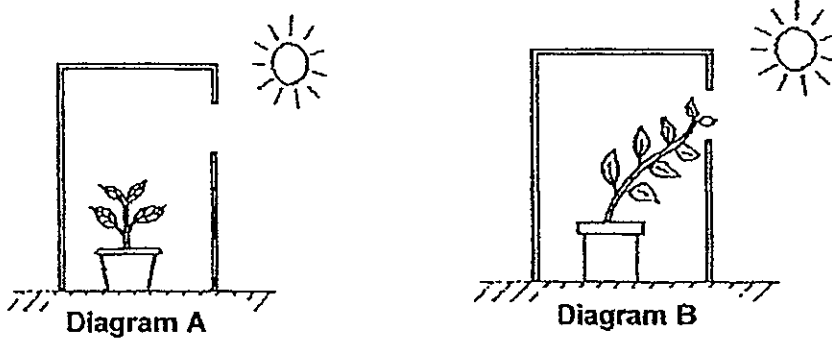
13 The picture below shows Plant A which grows on a tree.



Plant A does not produce seeds. It should be classified as a   (P)   plant which grows on/in   (Q)  .

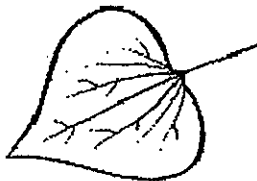
	(P)	(Q)
(1)	flowering	land
(2)	flowering	water
(3)	non-flowering	land
(4)	non-flowering	water

- 14 Mary put a plant into a box as shown in Diagram A and watered it daily. After a week, she observes some changes in the plant as shown in Diagram B.



She carried out this experiment to show that plants \_\_\_\_\_.

- (1) can reproduce
  - (2) only need water to grow
  - (3) grow and respond to changes
  - (4) can only grow when placed in a box
- 15 The diagram below shows two leaves, X and Y.



Leaf X



Leaf Y

Leaf X and Leaf Y differ in their \_\_\_\_\_.

- A size
  - B shape
  - C vein pattern
  - D type of edge
- (1) A and B
  - (2) C and D
  - (3) A, B and D
  - (4) A, B, C and D



ANGLO-CHINESE SCHOOL  
(JUNIOR)



CONTINUAL ASSESSMENT 1 (2013)  
PRIMARY 3

SCIENCE

BOOKLET B

WEDNESDAY

27 FEBRUARY 2013

1 HOUR

Name : \_\_\_\_\_ (    )

Class : P3 \_\_\_\_\_

**INSTRUCTIONS TO PUPILS**

**DO NOT TURN OVER THE PAGES UNTIL YOU ARE TOLD TO DO SO**

Follow all instructions carefully.

There are 7 questions in this booklet.

Answer **ALL** questions.

**INFORMATION FOR PUPILS**

The number of marks is given in brackets [ ] at the end of each question or part question.

The total marks for this booklet is 20.

The total time for Booklets A and B is 1 hour.

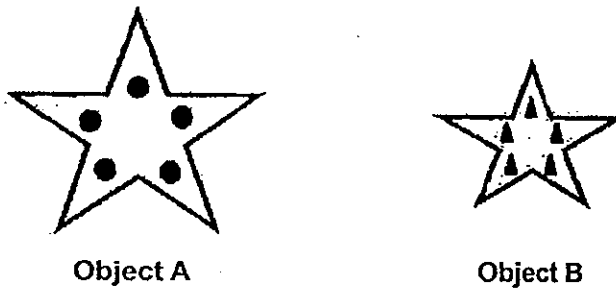
**This question paper consists of 6 printed pages. (Inclusive of cover page)**

BOOKLET A	30
BOOKLET B	/ 20
TOTAL	/ 50
Parent's signature/ Date:	

**Section B (20 marks)**

Write your answers to questions 16 to 22 in this booklet.  
Fill the blanks with the correct answers.

16 The diagram below shows two objects, A and B.



- (a) State one similarity between Object A and Object B. [1]
- 
- (b) State one difference between Object A and Object B. [1]
- 

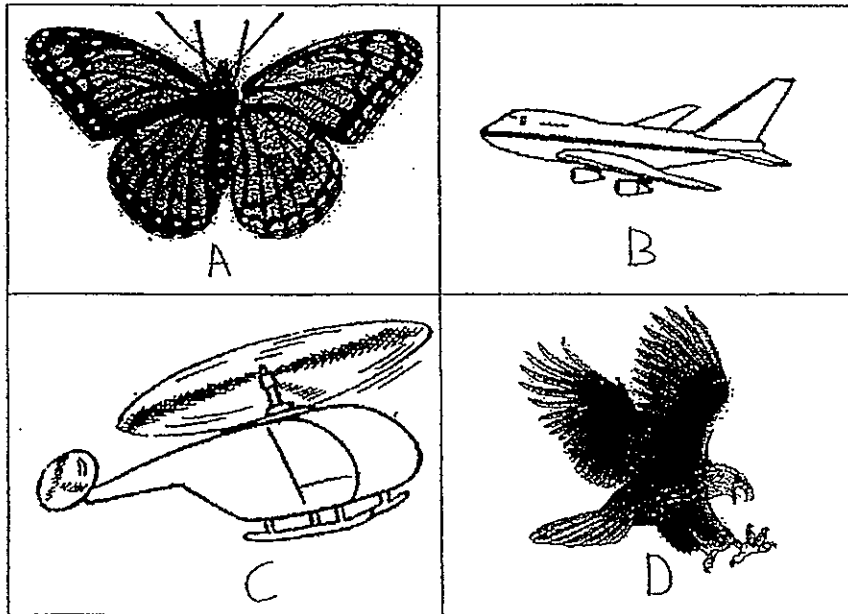
17 The table below shows the mass of a baby rabbit over 4 weeks.

Mass of rabbit at the end of:			
Week 3	Week 4	Week 5	Week 6
350 grams	400 grams		500 grams

- (a) What could the mass of the baby rabbit be at the end of week 5? [1]
- 
- (b) What does the baby rabbit need for it to survive? [1]
- 
- (c) Based on the above information, which characteristic of living things does the baby rabbit show? [1]
- 

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The diagram below shows four things.



(a) State one way in which all the things above are similar. (Do not compare size) [1]

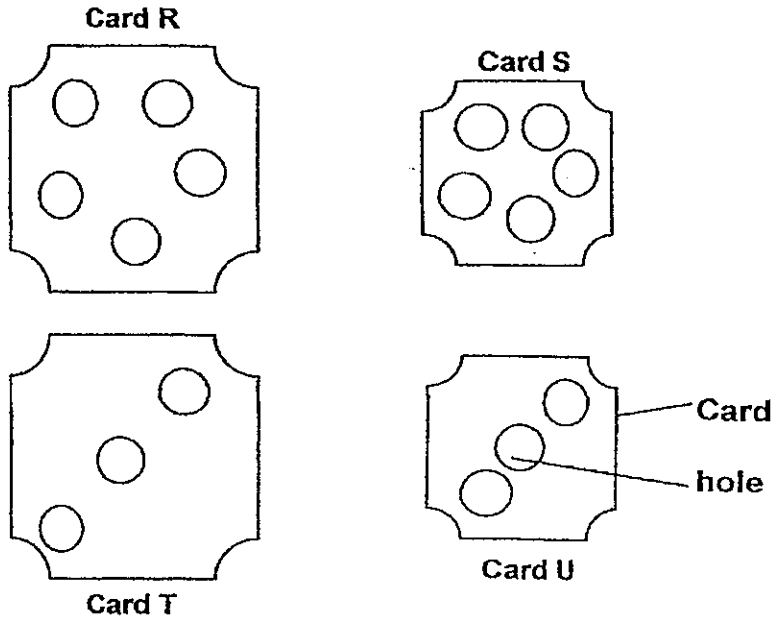
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(b) Classify the objects using the table below. [2]

Living	Non-Living
_____	_____
_____	_____
_____	_____

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19 Jimmy made some cards with holes in them as



(a) State 2 ways in which Jimmy can classify the cards. [2]

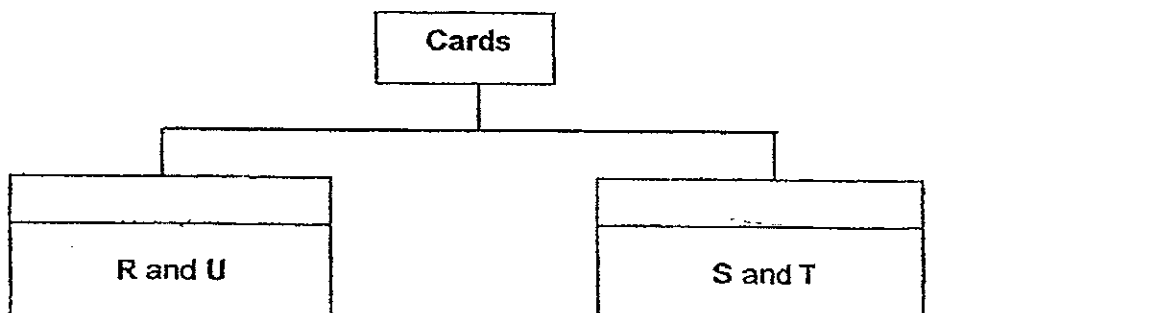
Method 1 : \_\_\_\_\_

Method 2 : \_\_\_\_\_

(b) Jimmy later coloured the cards as shown below.

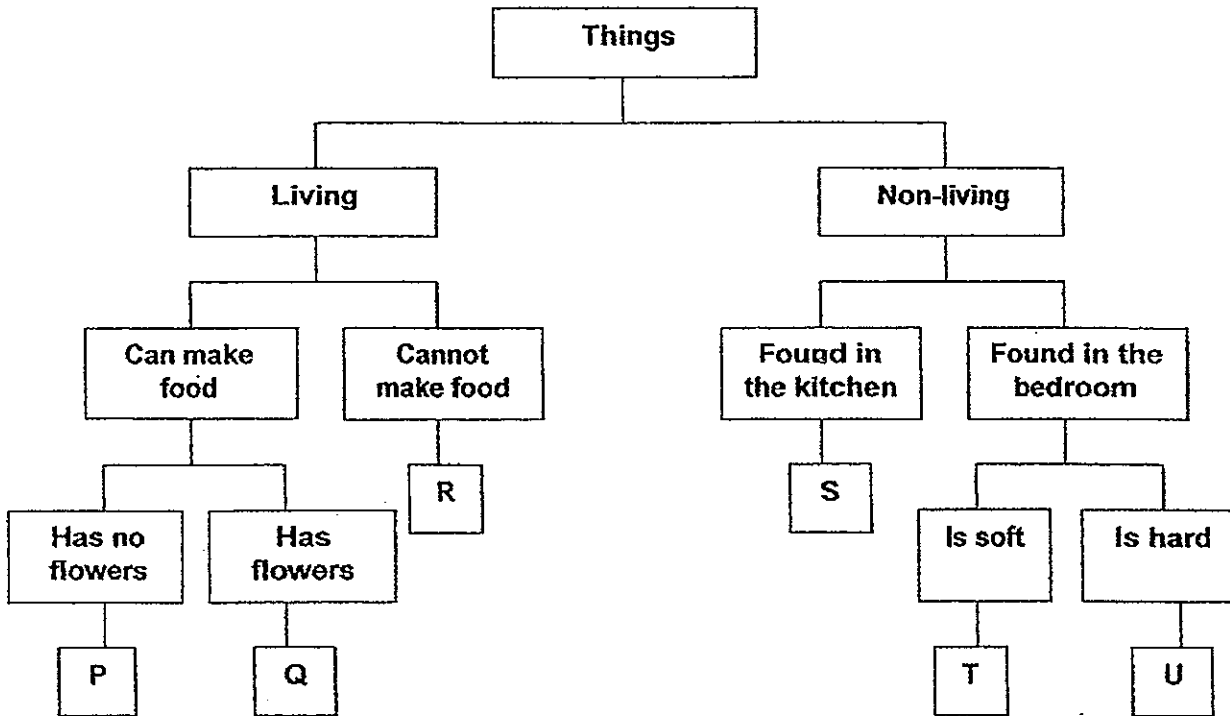
Card	Colour
R	Green
S	Blue
T	Blue
U	Green

Fill in the classification table with suitable sub-headings. [1]



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Study the classification chart below.



(a) State all the characteristics of Thing Q. [2]

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(b) What is the difference between Things S and U? [1]

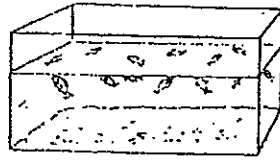
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(c) What is the similarity between Thing P and R? [1]

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21 Ali set up an aquarium in his house as shown below. He fed the fish with food daily.



(a) Ali noticed that the fish were often seen near the surface of the water. State a reason for this and explain your reason. [2]

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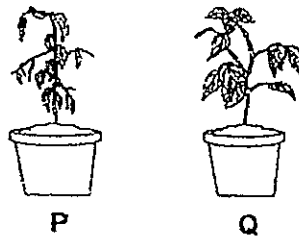


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(b) What can Ali do to solve the problem? [1]

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22 Jack had two similar pots of plants, P and Q. He placed them at two different places. He watered them everyday with the same amount of water. The diagram below shows how the plants look like at the end of a week.



He noticed that the leaves of plant P have turned yellow and its stem is thin and weak. However, the leaves of plant Q are green and its stem is thick and strong.

(a) Where did Jack place the plants? Write the letters 'P' and 'Q' to represent Plant P and Plant Q respectively in the correct boxes. [1]

Closed Cupboard	Garden

(b) Based on the result of Jack's observation of the plants after a week, suggest what the plants need to continue to grow healthily. [1]

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# ANSWER SHEET

## EXAM PAPER 2013

SCHOOL : ANGLO-CHINESE SCHOOL (JUNIOR)

LEVEL : PRIMARY 3

SUBJECT : SCIENCE

TERM : CA1

### BOOKLET A

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
4	3	2	3	1	1	3	2	4	1	3	1	3	3	4

### BOOKLET B

Q16

(a) They both have the same number of shapes inside.

(b) Object A is bigger while object B is smaller.

Q17

(a) The mass of the baby rabbit could be 450 grams.

(b) The baby rabbit needs air, water and food to survive.

(c) Living things can grow.

Q18

(a) They all can fly.

(b)

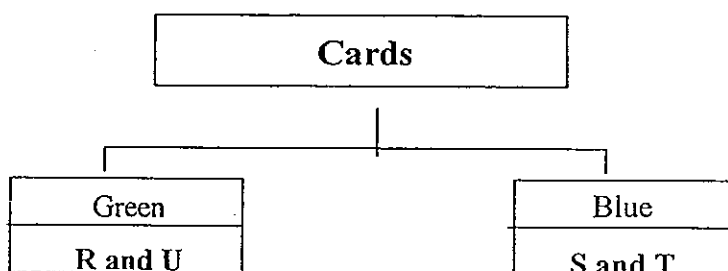
Living	Non-Living
A	C
D	B

Q19

(a) Method 1: Classify by size.

Method 2: Classify by numbers of holes.

(b)



Q20

- (a) Thing Q can make food and has flowers
- (b) Thing S is found in the kitchen while thing U is found in the bedroom.
- (c) They both do not have flowers.

Q21

- (a) They needed air from above the surface to survive.
- (b) Ali can install an air pump.

Q22

(a)

Closed Cupboard	Garden
P	Q

- (b) The plants need sunlight to grow healthily.