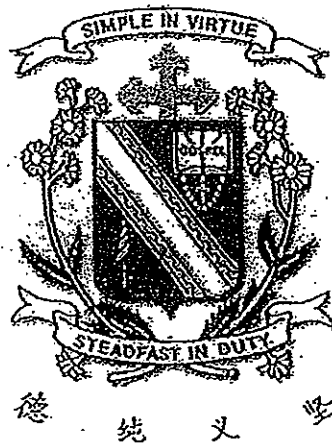


Name : \_\_\_\_\_ ( )

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

## CHIJ ST NICHOLAS GIRLS' SCHOOL



Primary 3

Continual Assessment 1 – 2012

SCIENCE

BOOKLET A

29<sup>th</sup> February 2012

**Total Time for Booklets A and B: 1 hour 15 minutes**

15 questions  
30 marks

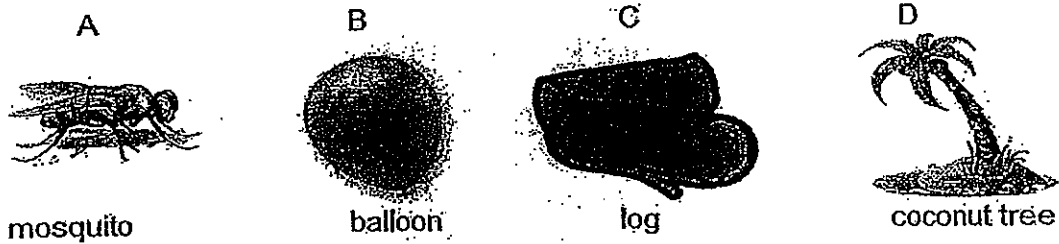
**Do not open this booklet until you are told to do so.  
Follow all instructions carefully.  
Answer all questions.  
Shade your answers in the Optical Answer Sheet (OAS) provided.**

**This paper consists of 9 printed pages.**

**Section A : (15 x 2 marks)**

For each question from 1 to 30, four options are given. One of them is the correct answer. Make your choice (1, 2, 3 or 4). Shade the correct oval (1, 2, 3 or 4) on the Optical Answer Sheet provided.

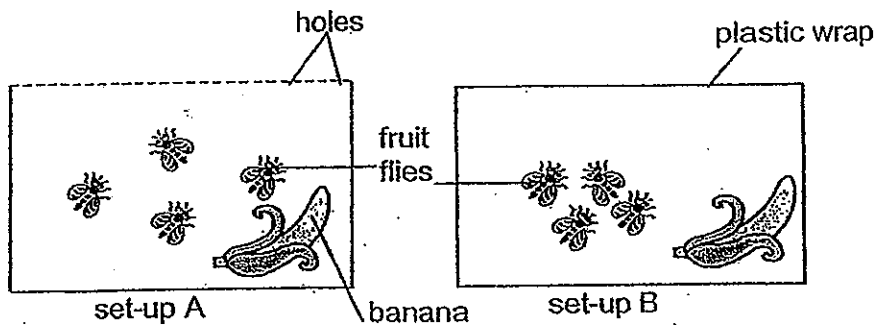
1. Look at the pictures below.



Which of the following are living things?

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

2. Some fruit flies were put in 2 separate tanks as shown below. Both tanks were covered tightly with a plastic wrap. In set-up A, small holes were poked in the plastic wrap.



After a few hours, the flies in set-up B died while those in set-up A were still alive. What can we conclude about living things from this experiment?

Living things need \_\_\_\_\_.

- (1) air
- (2) food
- (3) water
- (4) space

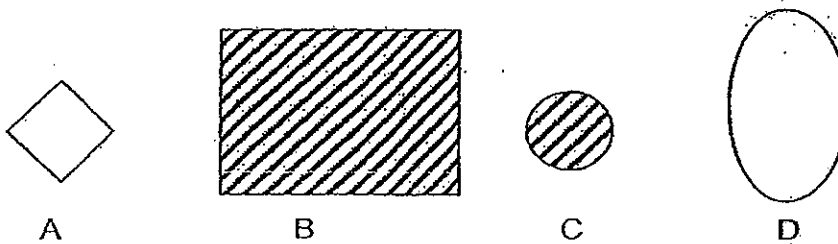
3. Tom was given four statements about the characteristics of fungi. He was told to indicate if they are true or false with a tick (✓). Which of the following statements about fungi is correctly ticked by Tom?

	Statement	True	False
(1)	All fungi are edible.	✓	
(2)	Fungi can respond to changes around them.		✓
(3)	All fungi are micro organisms.		✓
(4)	Fungi have chlorophyll.	✓	

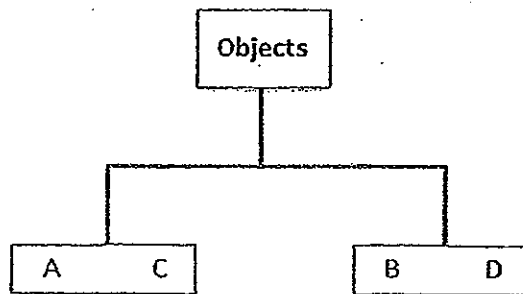
4. Mrs Lee brought some chickens and kept them in the school garden. 3 weeks later, she found some chicks in the garden. What can we conclude about living things?

- (1) Living things can die.
- (2) Living things can grow.
- (3) Living things can reproduce.
- (4) Living things can respond to changes.

5.



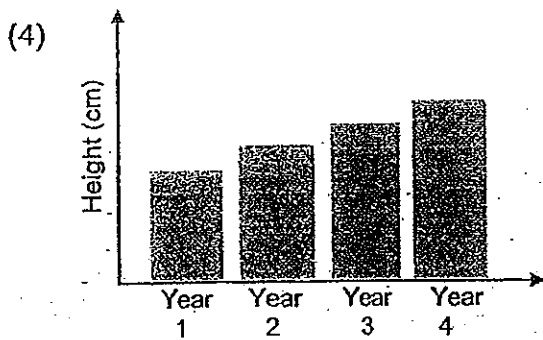
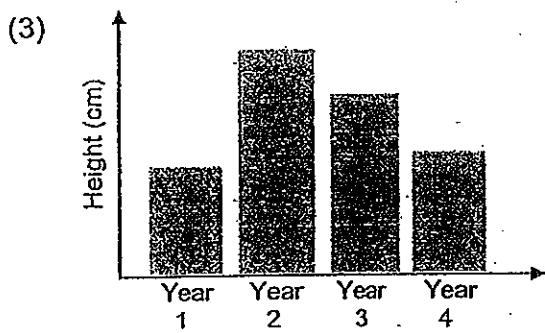
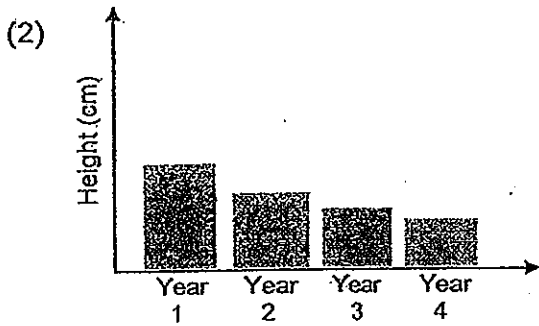
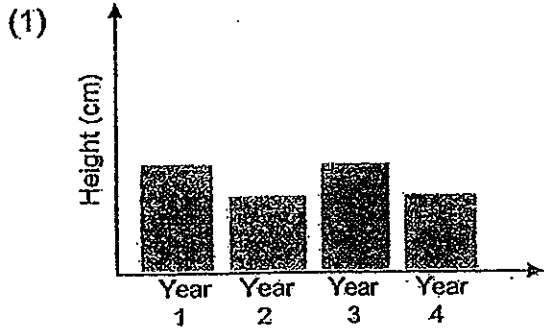
John was given 4 objects A, B, C and D as shown above. He classified them in a chart as shown below.



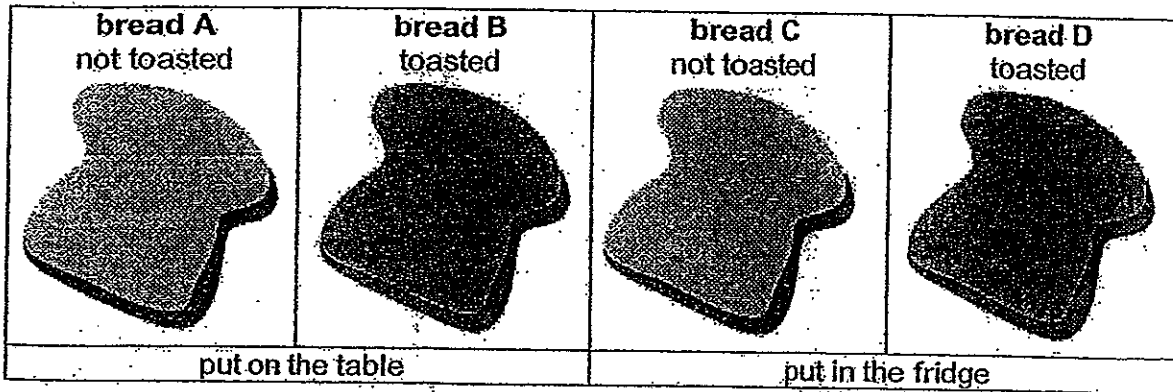
John classified the objects based on \_\_\_\_\_.

- (1) size
- (2) shape
- (3) shading
- (4) number of sides

6. Jarvis planted a mango tree 4 years ago in his garden. He recorded the height of the tree over 4 years. Which of the following graphs best shows the growth of the mango tree that Jarvis would have observed?



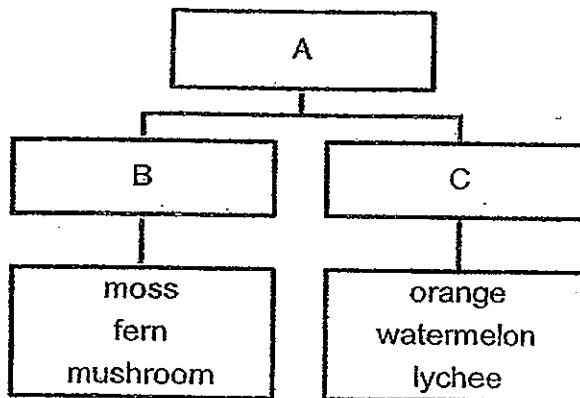
7. Look at the pictures below.



Which bread would likely to have mould growing on it first and which would have it last?

	First	Last
(1)	A	B
(2)	A	C
(3)	A	D
(4)	B	D

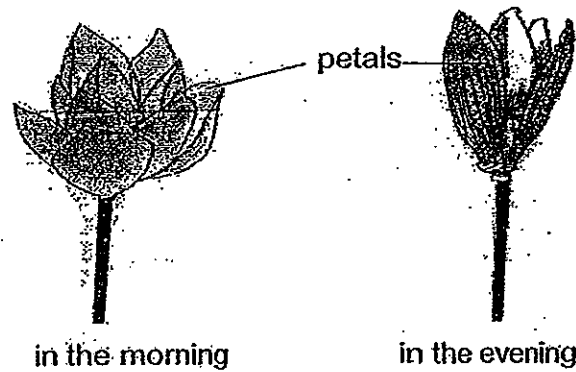
8. Study the classification chart below.



Choose a suitable heading for A, B and C.

	A	B	C
(1)	plants	non-flowering	flowering
(2)	plants	reproduce by spores	reproduce by seeds
(3)	living things	flowering	non-flowering
(4)	living things	reproduce by spores	reproduce by seeds

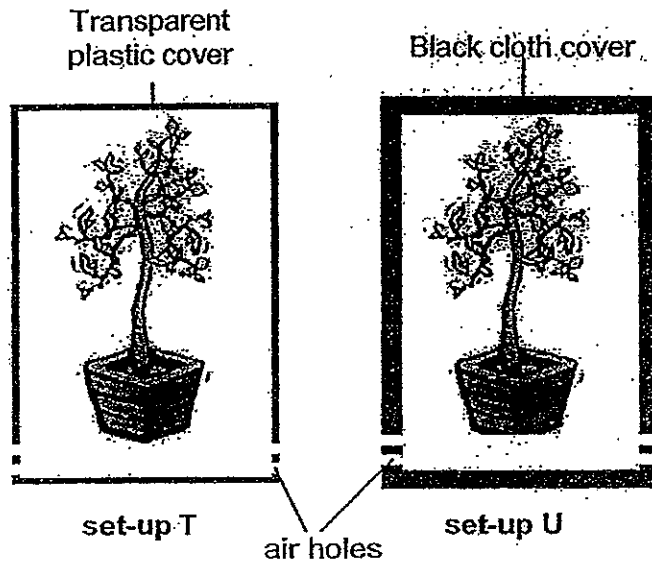
9. The picture below shows how the water lotus flower and its petals look like in the morning and in the evening.



Which characteristics of living things did the water lotus flower show?

- (1) Living things can shrink.
  - (2) Living things can reproduce.
  - (3) Living things can respond to changes.
  - (4) Living things need air, food and water to survive.
10. In what ways are the bird's nest fern similar to the hibiscus plant?
- A. They both have roots.
  - B. They are flowering plants.
  - C. They reproduce from spores.
  - D. They need sunlight to make food.
- (1) A and B only
  - (2) A and C only
  - (3) A and D only
  - (4) C and D only

11. Lynn set up an experiment with two similar pots of plants as shown below. She left them in a well lit room and kept the plants well watered. Lynn observed their growth over a few weeks.



Based on her set-up, what is Lynn trying to find out from this experiment?

- (1) To find out if plants need air to grow well.
  - (2) To find out if plants need light to grow well.
  - (3) To find out if plants need water to grow well.
  - (4) To find out if plants need fertilizer to grow well.
12. Which of the following parts of a fish is correctly matched to its function?

	Parts of a fish	Functions
(1)	Gills	To protect the fish
(2)	Gill cover	To help the fish to take in dissolved air
(3)	Fins	To help the fish float
(4)	Fins	To help the fish move in water

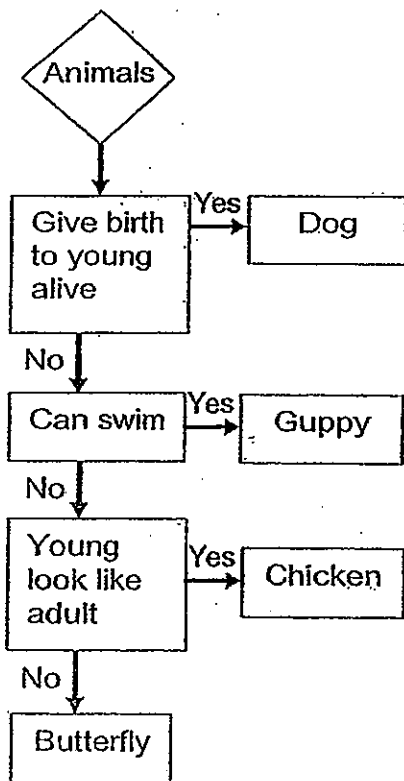
13. The following information describes Animal P. A tick (✓) indicates the presence of the characteristic and a cross (X) indicates the absence of the characteristic.

Characteristics	
lives on land	X
reproduces by laying eggs	✓
has legs	X
has gills	✓

Which one of the following animal could P be?

- (1) Fish
- (2) Dolphin
- (3) Crocodile
- (4) Adult frog

14. Study the flow chart below.

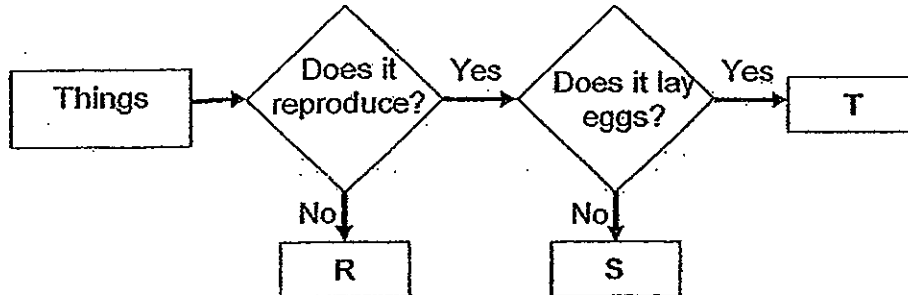


Which of the following animals is grouped wrongly?

- (1) Dog
- (2) Guppy
- (3) Chicken
- (4) Butterfly



15. Study the flow chart below.



Which of the following sets represent R, S and T correctly?

	R	S	T
(1)	balloon	bacteria	fungi
(2)	mushroom	rose plant	mosquito
(3)	necklace	monkey	frog
(4)	duck	dog	parrot

- End of Section A -



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

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

## CHIJ ST NICHOLAS GIRLS' SCHOOL



Primary 3  
Continual Assessment 1 – 2012  
SCIENCE  
BOOKLET B

29<sup>th</sup> February 2012

Total Time for Booklets A and B: 1 hour 15 minutes

7 questions  
20 marks

Do not open this booklet until you are told to do so.  
Follow all instructions carefully.  
Answer all questions.

This paper consists of 6 printed pages.

Booklet A	30
Booklet B	20
Total	50

\_\_\_\_\_  
Parent's Signature/Date

**Section B (20 marks)**

For questions 16 - 22, write your answers in this booklet.  
The number of marks available is shown in brackets [ ] at the end of each question or part question.

16. Put a tick (✓) in the correct boxes to show the characteristics of the things in the table below. [3]

Things	Can move freely from place to place on its own	Can respond to changes	Can reproduce
Snail			
Banana tree			
Lizard			

From the table above, state one similarity between the banana tree and the lizard. [1]

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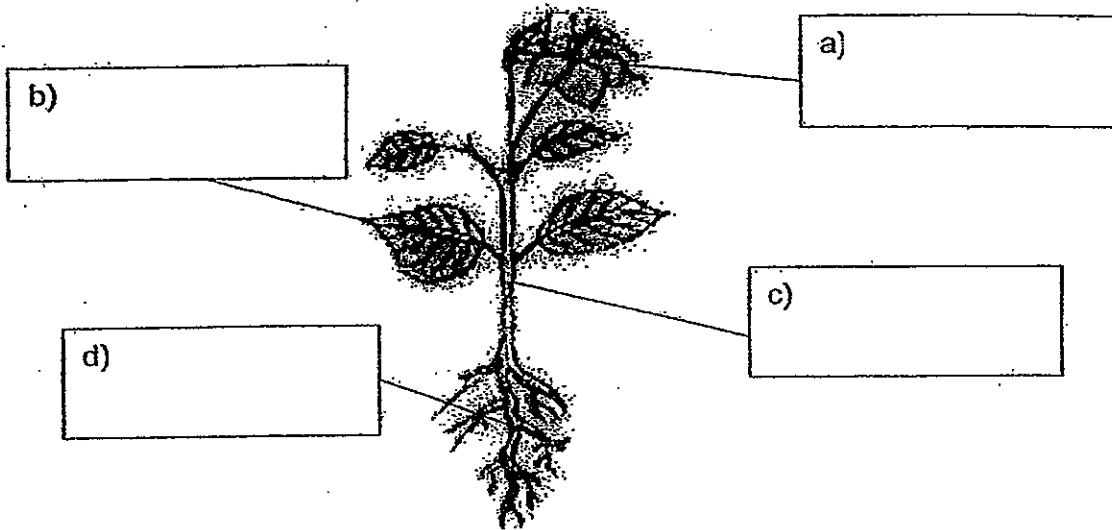
17. The picture below shows a group of living things.



Alison thinks this group of living things belongs to the group of plants. Kelly told her that these living things belongs to the group of \_\_\_\_\_

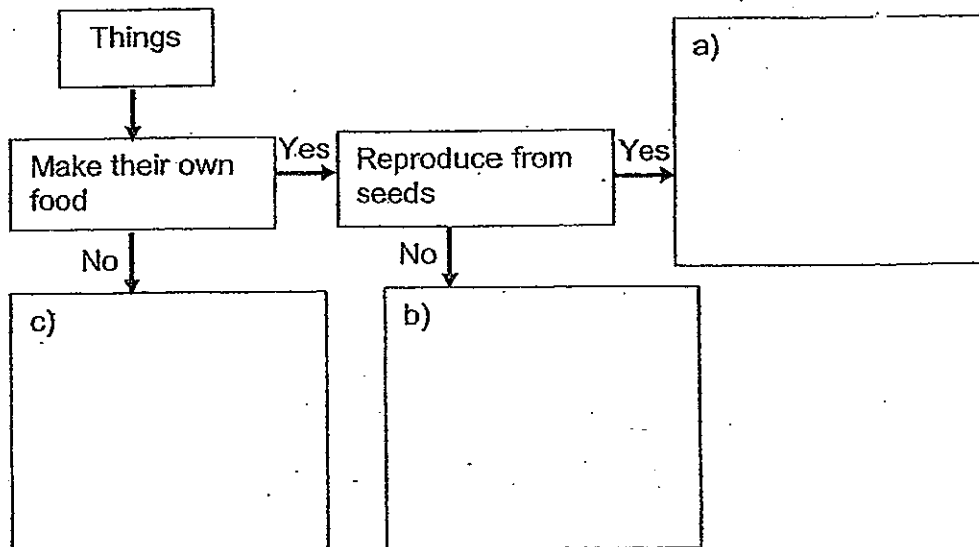
They reproduce from \_\_\_\_\_ [1]

18. The picture below shows a plant. Identify by writing the names of the parts (a), (b), (c) and (d) in the boxes provided. [2]

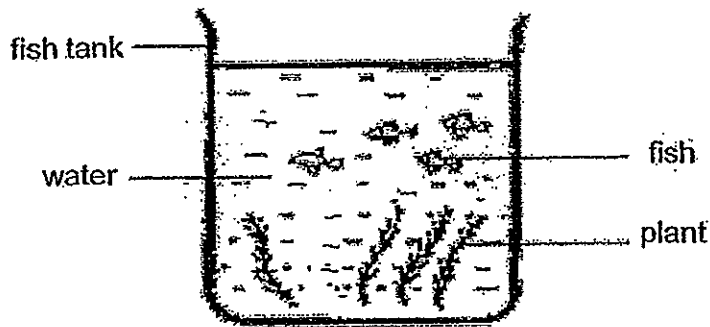


19. Complete the following flow chart using all the helping words given in the box below. [3]

hibiscus dolphin	conifers mimosa	toadstool guppy
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20. The picture below shows Mary's aquarium.



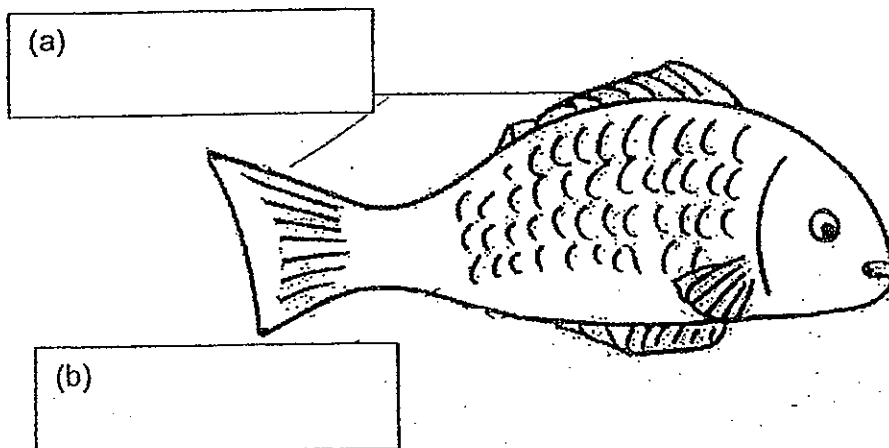
(i) When Mary tries to put her hand into the fish bowl to feel the fish, they swim away. What characteristic of living things does the fish show? [1]

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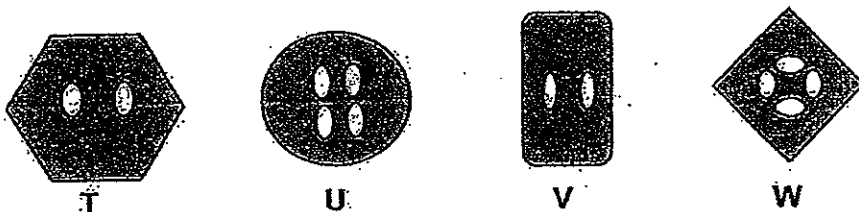
(ii) Mary notices some fish eggs on the water plant and the number of fish in the fish tank has increased. What characteristics of living things does the fish show? [1]

Characteristics	Tick (✓) if the characteristic is shown
Living things can make their own food.	
Living things need food to survive.	
Living things can reproduce.	

(iii) Identify parts (a) and (b). [1]



21. Alfred has some buttons as shown below.



a) Classify the buttons into two groups by completing the table below with the letters (T, U, V and W). There must be two buttons in each group. [2]

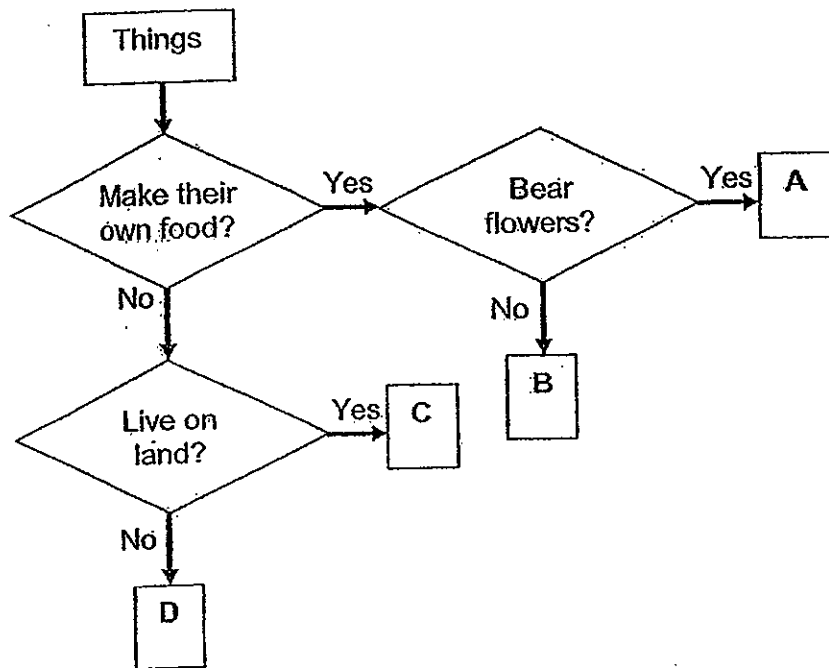
Group A	Group B

b) Give a suitable heading to show how they are grouped. [1]

Group A: \_\_\_\_\_

Group B: \_\_\_\_\_

22. Study the flow chart below



a) Write the letter A, B, C and D to represent the following things. [2]

Bear: \_\_\_\_\_

Orchid: \_\_\_\_\_

Shark: \_\_\_\_\_

Moss: \_\_\_\_\_

b) State one similarity between A and B. [1]

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c) State one difference between C and D. [1]

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- End of Paper -



# ANSWER SHEET

**EXAM PAPER 2012**

**SCHOOL : CHIJ ST NICHOLAS GIRLS' SCHOOL**

**SUBJECT : PRIMARY 3 - SCIENCE**

**TERM : CA 1**

**Booklet A**

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	Q16
1	1	3	3	1	4	3	4	3	3	2	4	1	2	3	

**Booklet B**

16.

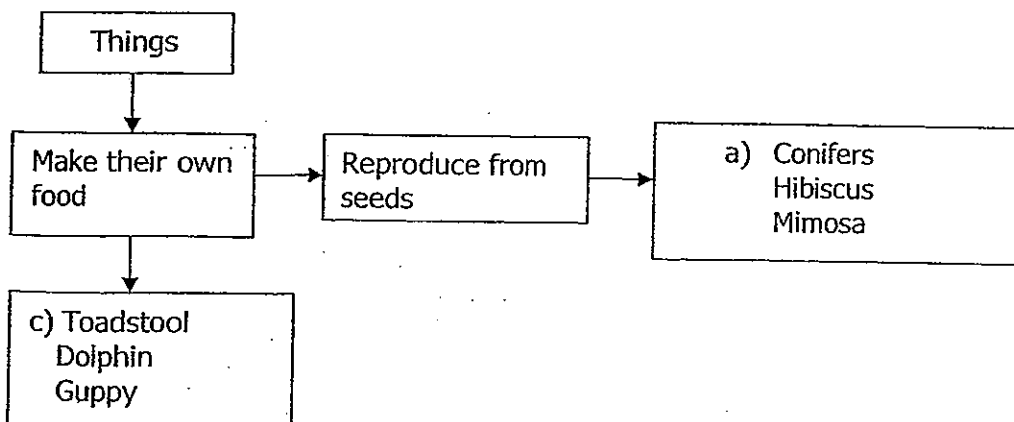
Things	Can move freely from place to place on its own	Can respond to changes	Can reproduce
Snail	√	√	√
Banana tree		√	√
Lizard	√	√	√

Both can reproduce.

17. fungi  
spores

18. a) flower      b) leaf      c) stem      d) root

19.



20. i) Living things respond to changes in the environment.

20. ii)

Characteristics	Tick(✓) if the characteristic is shown
Living things can make their own food.	
Living things need food to survive.	
Living things can reproduce.	✓

20. iii) a) fin b) scales

21. a)

Group A	Group B
T	U
V	W

21. b) **Group A:** Two holes  
**Group B:** Four holes

22. a) Bear: C                  Orchid: A  
Shark: D                  Moss: B

22. b) Both can make their own food.

c) C lives on land but D does not.