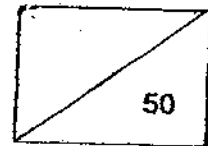


METHODIST GIRLS' SCHOOL (PRIMARY)  
CONTINUAL ASSESSMENT 1  
PRIMARY 3  
SCIENCE  
2009

NAME : \_\_\_\_\_ ( )

CLASS : Pr 3. \_\_\_\_\_



**SECTION A : (15 X 2 marks)**

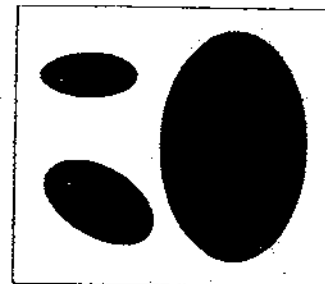
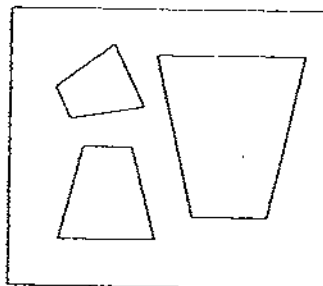
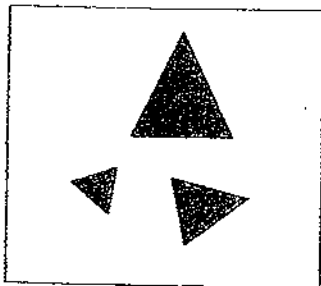
Choose the most suitable answer and write its number in the brackets provided.

1. Which of the following is not a characteristic of all living things?  
Living things \_\_\_\_\_

- (1) will eventually die
- (2) need air, food and water
- (3) can respond to changes
- (4) reproduce by giving birth to young alive

( )

2. The objects below are grouped according to their \_\_\_\_\_



- (A) sizes
- (B) shapes
- (C) colours

- (1) B only
- (2) A & B only
- (3) B & C only
- (4) All the above

( )

3. Juliet went to the school eco-garden and made a list of some of the animals she saw near the pond.

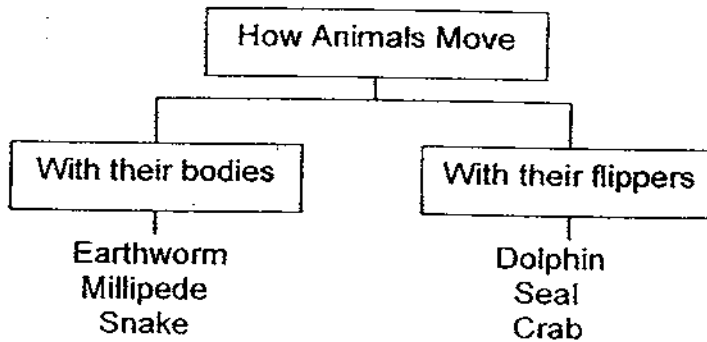
Sparrow	Ants	Snails	Spider	Butterfly	X
---------	------	--------	--------	-----------	---

Which animal is likely to be used to replace X?

- (1) Gorilla
- (2) Ladybug
- (3) Seahorse
- (4) Ostrich

( )

4. The classification table below shows how animals move.



Which of the two animals have been classified wrongly?

- (1) Earthworm and Dolphin
- (2) Millipede and Dolphin
- (3) Earthworm and Crab
- (4) Millipede and Crab

( )

5. What am I?

I have roots, stems and leaves. I reproduce from spores. I do not bear flowers. I am green in colour.
--

- (1) Staghorn fern
- (2) Pitcher plant
- (3) Money plant
- (4) Ixora

( )

6. Study the characteristics of A, B, C & D.

	Has scales	Has 3 body parts	Lay eggs	Has wings	Has gills
A	√		√		
B		√	√	√	
C	√				√
D				√	

Which one of them is most likely to be a guppy?

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

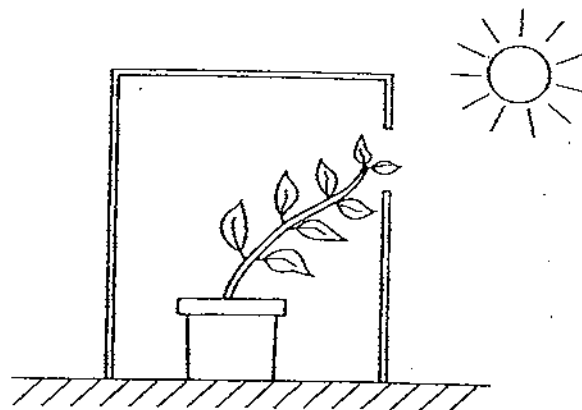
( )

7. Fandi placed two angelfish in a fish tank and added an air pump to the tank. After a week, he found that both the angelfish died. What do you think happened?

- (1) The angelfish had no food to eat.
- (2) The angelfish had no air to breathe.
- (3) The angelfish had no water to drink.
- (4) There was no sunlight for the angelfish to make its own food

( )

8.



The above experiment shows that plants \_\_\_\_\_

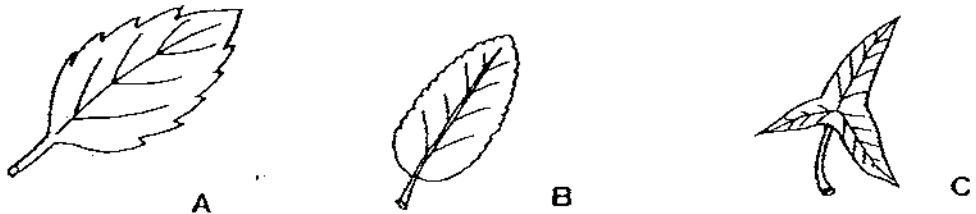
- (1) respond to light
- (2) do not like the wooden box
- (3) like to grow towards openings
- (4) like to bend towards openings as they grow

( )

9. Look at the leaves shown below.



Look at the leaves shown below. Which leaf(s) is/are more likely to be classified in the same group as the two leaves above?



- (1) A & C only
- (2) B & C only
- (3) A, B & C
- (4) None of the above

( )

10. Juliana saw a mimosa plant and touched the mimosa leaves with her fingers. To her surprise, the leaves did not fold up at all.

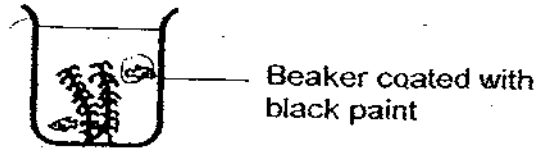


What could the reason be?

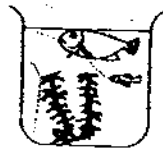
- (1) The mimosa leaves were sleeping.
- (2) The mimosa leaves were making food.
- (3) The mimosa plant could just be a plastic plant.
- (4) The mimosa leaves is slow in responding to changes

( )

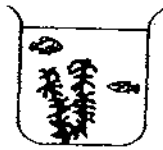
11. Matthew wanted to find out if green plants need sunlight to make food. He prepared Set-up A as shown below. To ensure that his test is a fair one, which other set-up should he choose?



Set-up A



Set-up Q



Set-up R



Set-up S



Set-up T

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

( )

12. The animals shown in the table below are classified into two groups.

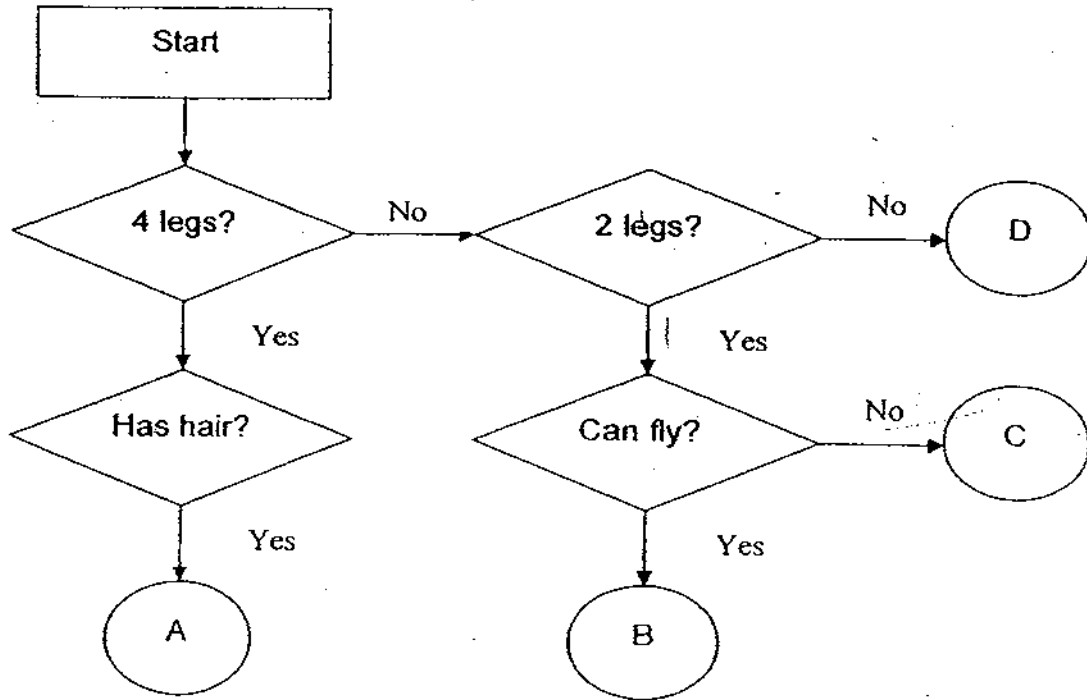
Group A	Group B
Cat	Goose
Whale	Penguin
Monkey	Owl

The animals are grouped according to \_\_\_\_\_

- (1) what they eat
- (2) where they live
- (3) how they move
- (4) their body covering

( )

13. Study the flow chart carefully.

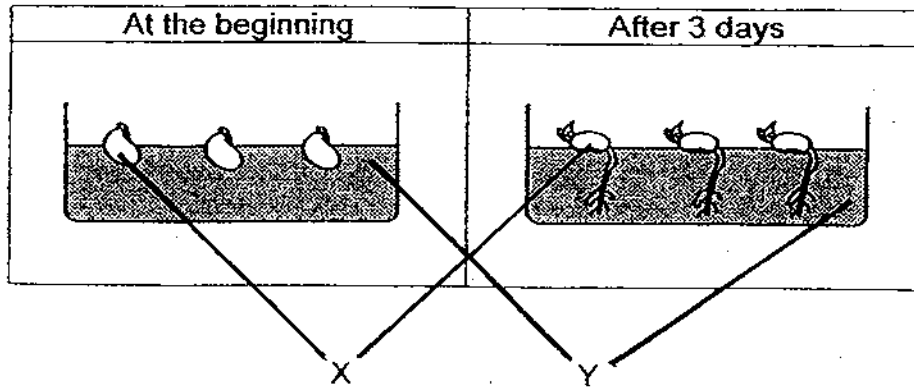


Which of the following can A, B, C and D represent?

	A	B	C	D
<input checked="" type="checkbox"/>	Camel	Penguin	Kiwi	Butterfly
<input checked="" type="checkbox"/>	Donkey	Sparrow	Emu	Snake
<input checked="" type="checkbox"/>	Bat	Crow	Eagle	Earthworm
<input checked="" type="checkbox"/>	Rooster	Ostrich	Parrot	Frog

( )

14. Nathan set up an experiment involving objects X and Y as shown below. The diagrams below show what he observed after 3 days.



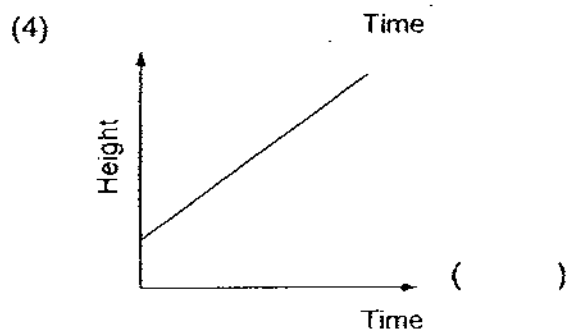
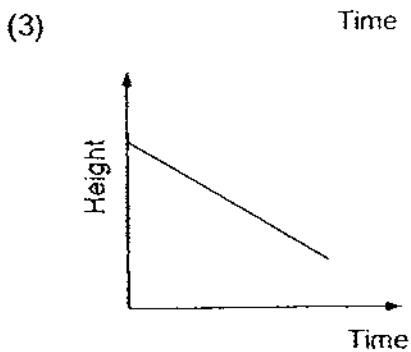
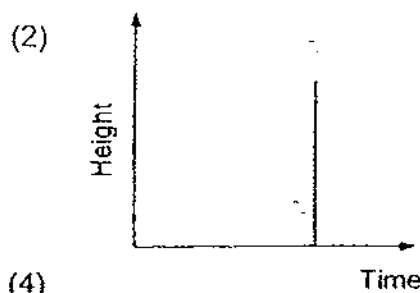
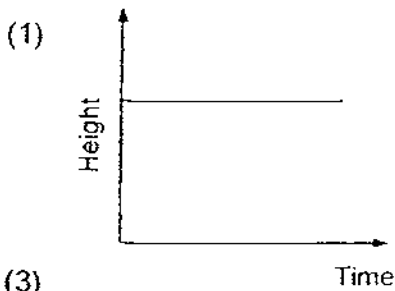
What would Nathan most likely conclude from this experiment?

He concluded that \_\_\_\_\_.

- (1) object Y is a living thing
- (2) object X is a living thing
- (3) object Y helped object X to become a living thing
- (4) object X has changed from a non-living thing to a living thing

( )

15. Which of the graphs below represents the height of a plant over a period of one month?

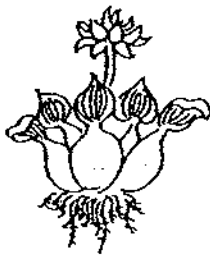


( )

**SECTION B : (20 marks)**

Write the correct answers in the spaces provided. Marks will be deducted for keywords that have been mis-spelt.

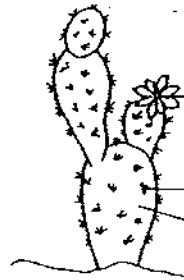
16. Classify the following things into groups in the table below. Give a suitable heading for each group.



Water hyacinth



Bird's nest fern



Cactus



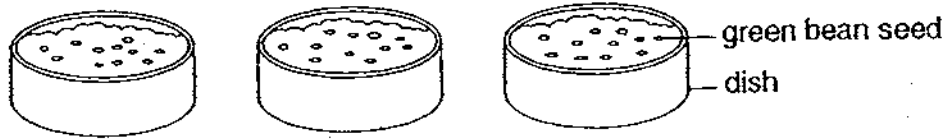
Maiden's hair fern

Heading for Group A :	Heading for Group B :
(i)	(ii)

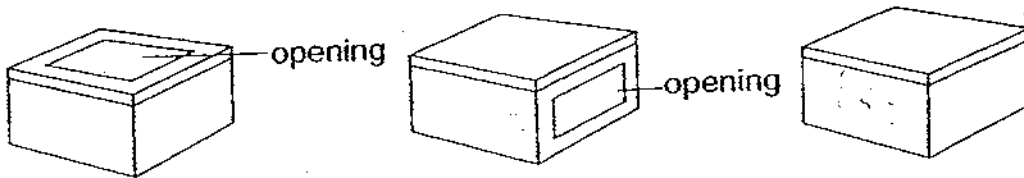
[3]



17. Kylie puts some green beans on damp cotton wool in three dishes.



She then puts each dish in a box. Box A has an opening on the top, Box B has an opening on one side and Box C has no opening as shown in the diagram below.

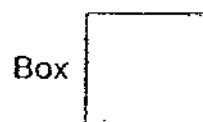
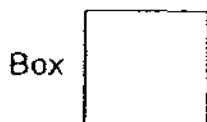
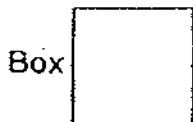
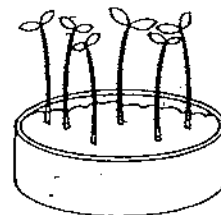
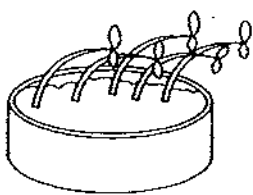


Box A

Box B

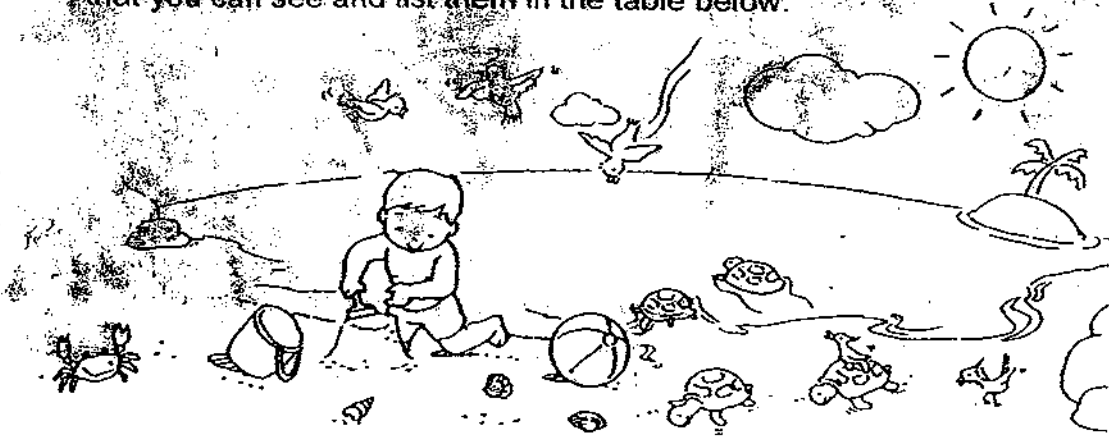
Box C

After one week, Kylie takes out the dishes from the boxes. Write A, B and C under each diagram to show which box the green beans had been put into.



[3]

18. Write down 2 living things and 2 non-living things which were never alive that you can see and list them in the table below.



Living things	Non-living things (Never Alive)
(1)	(1)
(2)	(2)

[2]

19. The classification table below shows how some plants are classified.

Plants			
Weak Stem		Strong Stem	
Flowers that grow singly	Flowers that grow in a cluster	Flowers that grow singly	Flowers that grow in a cluster
Morning Glory	Chinese Violet	Hibiscus	Ixora
		Allamanda	Frangipani

(a) Based on the above classification table, what are the 2 characteristics of the Morning Glory?

[1]

(b) Put 'Rose' in the above classification table.

[1]

20. Animal Y was put in a tank with a netting cover on 1<sup>st</sup> January. It was given some water, leaves and fruit flies. The amount of food left daily for the next 3 days was recorded as shown in the table below.

Day	Amount of leaves	Number of fruit flies
1 <sup>st</sup> January	50g	20
2 <sup>nd</sup> January	50g	15
3 <sup>rd</sup> January	50g	11
4 <sup>th</sup> January	50g	6

(a) What did Animal Y feed on?

\_\_\_\_\_ [1]

(b) Animal Y is most likely to be a/an \_\_\_\_\_ [1]

(c) What will happen to Animal Y on 31<sup>st</sup> January? Explain why.

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_ [2]

21. Johnny visited the eco-garden in school and saw a young plant with green leaves of entire edge but with no flowers. He concluded that the plant is a non-flowering plant but his teacher did not agree.

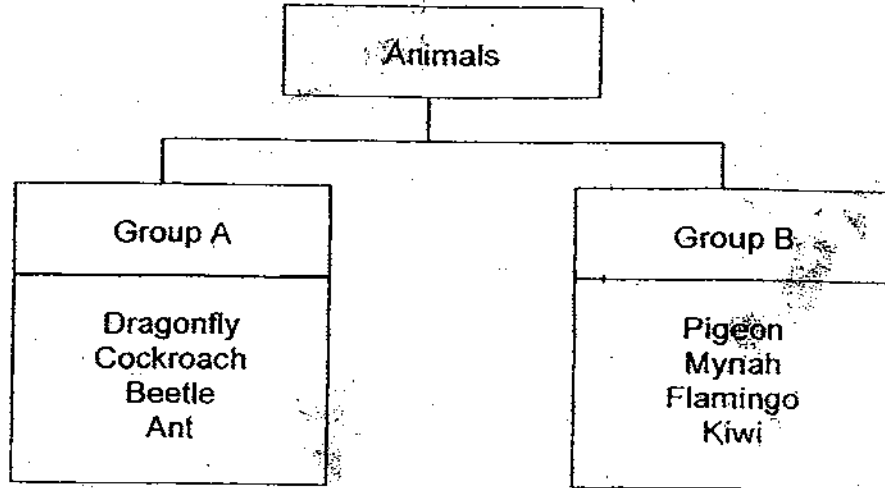
Give two possible reasons why the teacher said that the plant is a flowering plant although there were no flowers when Johnny observed it.

(a) \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

(b) \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

[2]

22. Study the classification chart below.



a) Suggest a suitable heading each for Groups A and B.

(i) Group A: \_\_\_\_\_

(ii) Group B: \_\_\_\_\_

[1]

b) Can a spider be classified in either Group A or B? Explain why.

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

[2]

c) Name one way in which Group A is similar to Group B.

\_\_\_\_\_

[1]

----- END OF PAPER -----

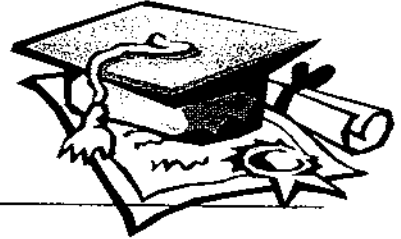


# ANSWER SHEET

**EXAM PAPER 2009**

**SCHOOL : M G S PRIMARY  
SUBJECT : PRIMARY 3 SCIENCE**

**TERM : CA1**



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

16)i)Water plant  
Water hyacinth

ii)Land plant  
Bird's nest fern  
Cactus  
Maiden's hair fern

17)B, C, A

18)1)boy                      1)spade  
2)crab                      2)beach ball

19)a)The morning glory grows singly and has weak stem.  
b)Hibiscus, Allamanda, Rose

20)a)Animal Y feed on fruit flies.  
b)Animal Y will die because it will not have anymore food to eat.

21)a)It is not time for the flower to bloom.  
b)It is still a young plant.

22)a)i)Insects.    Ii)Birds.  
b)No, because it does not have the character is tics of an insect or a bird.  
c)The animals in Group A and B lays eggs.