

METHODIST GIRLS' SCHOOL

Founded in 1887



CONTINUAL ASSESSMENT 2011 PRIMARY 3 SCIENCE

Total Time for Sections A and B: 1 hour

INSTRUCTIONS TO CANDIDATES

Do not turn over this page until you are told to do so.

Follow all instructions carefully.

Answer all questions.

Write your answers in this booklet.

Name: _____ ()

Class: Primary 3. _____

Date: 28 February 2011

Section A	/ 30
Section B	/ 20
TOTAL	/ 50

This booklet consists of 13 printed pages including this page.

SECTION A : 30 marks

For each question from 1 to 15, 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.

1. All living things _____ to ensure that there will always be their kind surviving on earth.
- (1) die
 - (2) grow
 - (3) reproduce
 - (4) respond to changes ()
2. Which of the following observations shows that a mimosa plant can respond to changes around it?
- (1) It can bear pink flowers
 - (2) It can prick with its thorns
 - (3) It can close its leaves when touched
 - (4) It can spread and grow across the field ()
3. Which of the following is not true of all mammals?
- A: They live on land
 - B: They suckle their young
 - C: They have hairs on their bodies
 - D: They give birth to their young alive
- (1) A only
 - (2) A and B only
 - (3) B and C only
 - (4) A and D only ()
4. Which of the following is true of all living things?
- (1) They eat both plants and animals as food.
 - (2) They change in size and appearance with time.
 - (3) They reproduce by giving birth to their young alive.
 - (4) They respond quickly to changes in the environment. ()

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5. Which two animals are in the wrong group?

Group	Animal
Fish	Whale
Bird	Duck
Insect	Silverfish
Mammal	Penguin

- (1) Penguin and Duck
 (2) Duck and Silverfish
 (3) Whale and Penguin
 (4) Silverfish and Whale

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6. The living thing shown below is not classified as an insect because



- A: It has no wings
 B: It has eight legs
 C: It has a pair of antennae
 D: It has only two body parts

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

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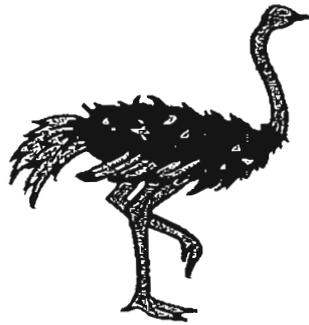
7. Which one of the following animals does not look after its young?

(1)



Cockroach

(2)



Ostrich

(3)



Sea Otter

(4)



Giraffe ()

8. Which one of the following statements is false?

- (1) Living things can die.
- (2) Living things can grow.
- (3) Living things need air, food and water.
- (4) Living things can move from place to place by themselves. -- ()

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9. Look at the pictures below. Which of the following characteristics are different in a seahorse and a horse?



- A: Their diet
 B: Their movement
 C: Their body covering
 D: Their method of reproduction

- (1) A and B only
 (2) C and D only
 (3) A, C and D only
 (4) All of the above

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10. In what ways are the following things similar?



Silk dress



Woolen socks



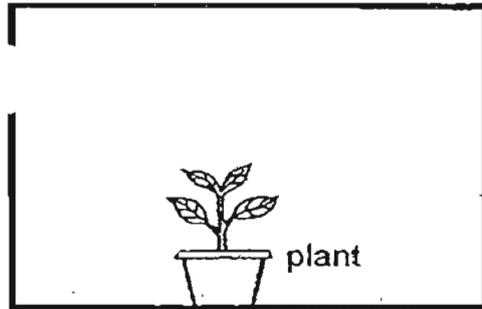
Leather shoes

- (1) They are made of things which were never alive
 (2) They are made of things which were once alive
 (3) They are made of things from the ground
 (4) They are living things

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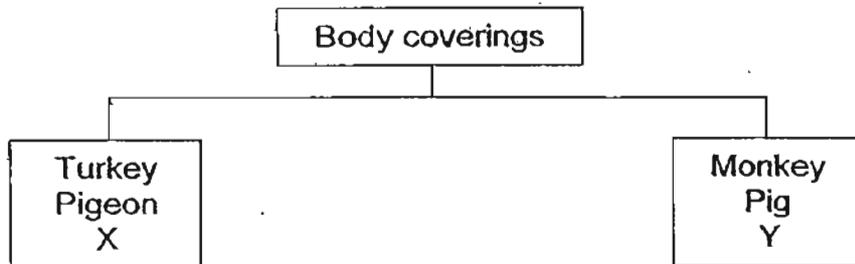
11. A plant was put in a black box with an opening on the left side as shown in the diagram below. What do you think will happen to the plant after one week?



- (1) It will not grow
 (2) It will grow upwards only
 (3) It will grow downwards only
 (4) It will grow towards the opening

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12. Study the classification table below.



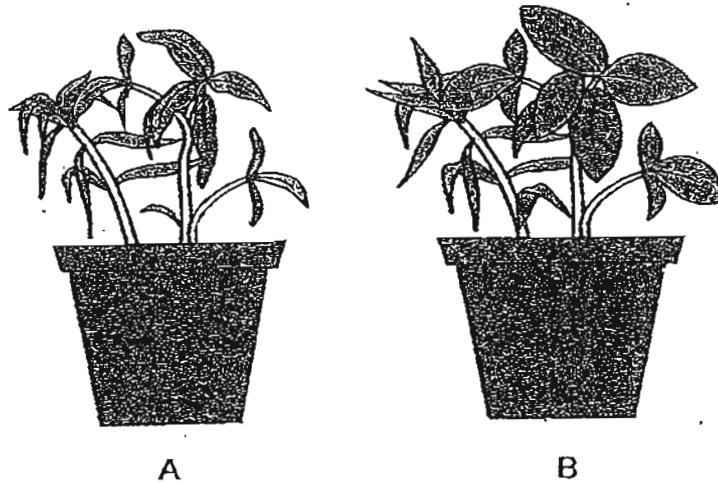
Which of the following correctly represents animals X and Y?

	Animal X	Animal Y
(1)	Eagle	Dolphin
(2)	Owl	Turtle
(3)	Molly	Leopard
(4)	Tiger	Peacock

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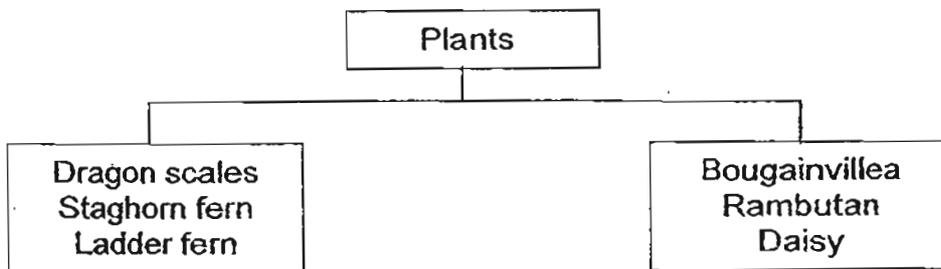
13. Two identical potted plants, A and B, were kept in a glass container and left outside in the Sun for a few hours. The diagram below shows how the plants looked like at the end of the day. What was lacking in pot A but not in pot B?



- (1) Air
- (2) Water
- (3) Sunlight
- (4) Nutrients

()

14. Study the classification chart below.



These plants are grouped according to _____.

- (1) land and water plants
- (2) flowering and non-flowering plants
- (3) poisonous and non-poisonous plants
- (4) fruit-bearing and non-fruit bearing plants

()

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15. Janna planted four Sunflower plants, W, X, Y and Z, in four different pots. She placed the plants under different conditions.

Plant	Conditions			
	Air	Water	Sunlight	Nutrients
W	Yes	Yes	Yes	No
X	Yes	No	Yes	Yes
Y	Yes	Yes	No	Yes
Z	Yes	No	No	No

Which of these plants will still be alive after two weeks?

- (1) W only
- (2) X and Y only
- (3) W and X only
- (4) None of the above

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SECTION B : 20 marks

For questions 16 to 25, write your answers in the spaces provided.

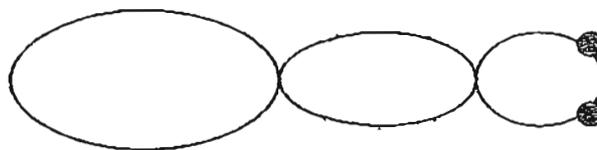
The number of marks available is shown in brackets [] at the end of each question or part question.

16. Classify the following things into two groups based on the table provided below. [2]

Ham	Volcano	Seed	Dried shrimp
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Living things	Non-living things

- 17.(a) Complete the diagram below to show where the legs of the insect are joined to its body. [1]

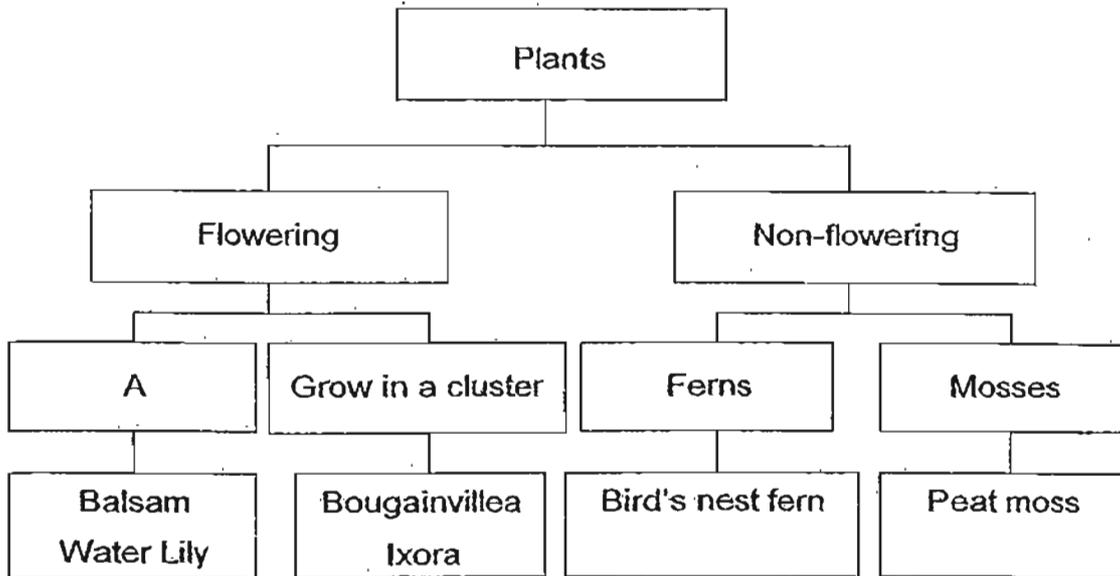


- (b) Name the part of the body that the legs are attached.

_____ [1]

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18. Study the classification chart below.



(a) Based on the chart above, in what way is the Balsam and Bougainvillea plant similar? [1]

(b) Suggest an appropriate sub-heading for A. [1]

A: _____

19. Justin made some records on a certain animal, X, that he discovered.

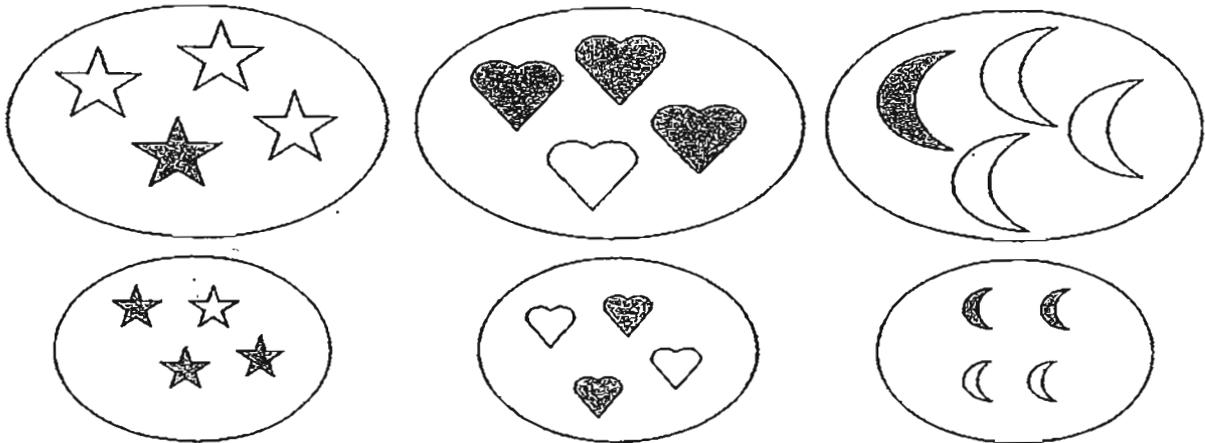
The female species lay eggs near water plants.
 They have gills to help them breathe.
 They are plant-eaters.

(a) Based on the information above, what is the most likely body covering this animal will have? [1]

(b) Which is the most likely group of animals that X belongs to? [1]

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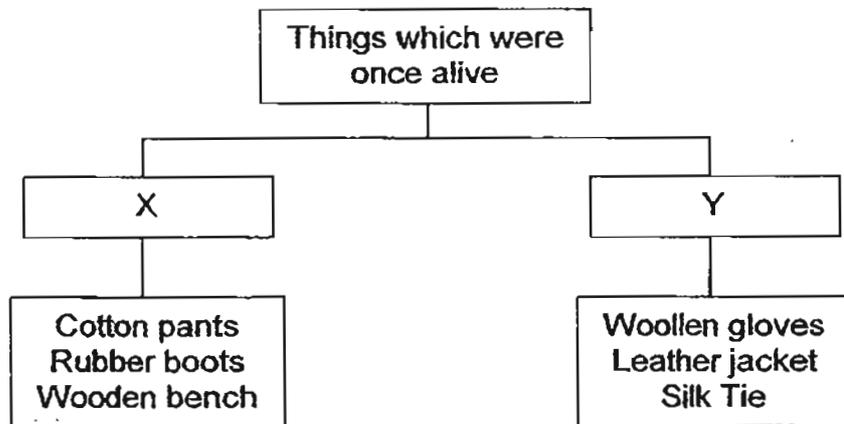
20. Study the pictures below carefully.



(a) How are the objects in the pictures above grouped? [1]

(b) How can the objects be regrouped into only two groups? [1]

21. Study the classification chart below.



(a) Give an appropriate heading for X and Y. [2]

X: _____

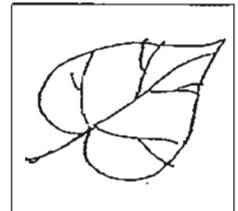
Y: _____

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22. Amy found some leaves in the garden and decided to classify them into two groups as shown below.

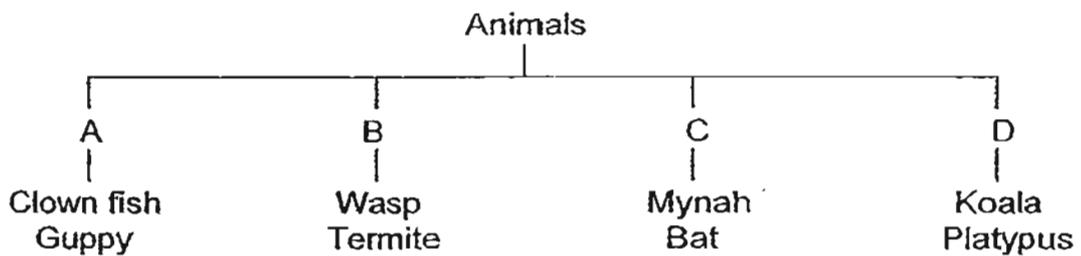
Group X			
Group Y			

(a) Which group should Amy classify the leaf shown on the right? [1]



(b) Why did she classify it this way? [1]

23. In the diagram below, Gopaḥ has classified eight animals.

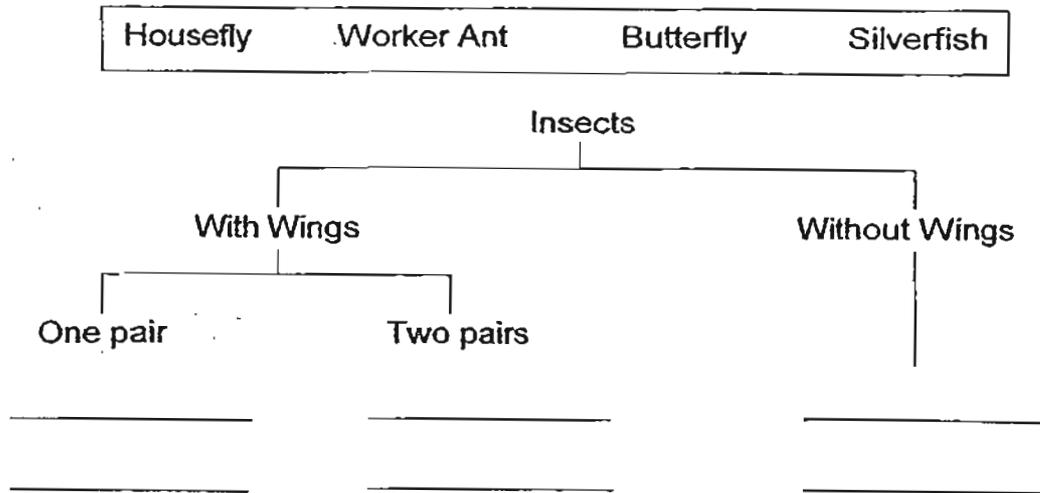


(a) One of the animals has been classified **wrongly**. Name this animal. [1]

(b) In which group (A, B, C or D) should this animal be classified? [1]

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24. Use the words in the box below to complete the classification diagram. [2]



25. Luke kept a hamster in a cage with the same amount of two types of food, E and F. He kept a record of the mass of the remaining food and the mass of the hamster over a period of 10 days. The record is shown in the table below.

Day	Food E (grams)	Food F (grams)
Monday	50	50
Tuesday	48	40
Wednesday	47	32
Thursday	47	25
Friday	46	17

(a) Which food did the hamster prefer? [1]

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

METHODIST GIRLS SCHOOL (PRIMARY)

P3 CA1 2011

SCIENCE

ANSWERS:

- | | |
|-----|---|
| 1) | 3 |
| 2) | 3 |
| 3) | 4 |
| 4) | 2 |
| 5) | 3 |
| 6) | 3 |
| 7) | 1 |
| 8) | 4 |
| 9) | 4 |
| 10) | 2 |
| 11) | 4 |
| 12) | 1 |
| 13) | 2 |
| 14) | 2 |
| 15) | 1 |

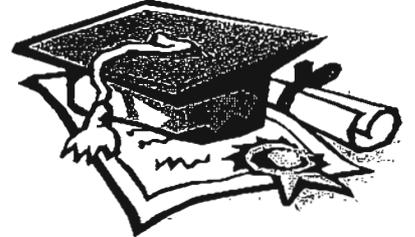


ANSWER SHEET

EXAM PAPER 2011

**SCHOOL : MGS
SUBJECT : PRIMARY 3 SCIENCE**

TERM : CA1



16) Living things

Seed

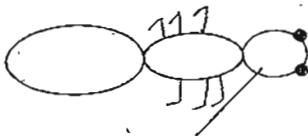
Non-living things

Ham

Volcano

Dried shrimp

17)a)



b)Thorax.

18)a)They are both flowering plants.

b)A: Grows singly.

19)a)Scales.

b)Fish

20)a)Sizes and shapes.

b)Shaded and non-shaded.

21)a)X: Made from plants.

Y: Made from animals.

22)a)Group X.

b)The leaf has entire edge.

23)a)Bat.

b)It should be classified into group D.

24)One pair

Housefly

Two pair

Butterfly

Without Wings

Worker ant

Sliver fish

25)a)Food F.

b)Food F is decreasing faster as compared to food E.