

ANGLO-CHINESE SCHOOL
(JUNIOR)



SEMESTRAL ASSESSMENT 1 (2008)
PRIMARY 3

SCIENCE
BOOKLET A

Thursday 8th May 2008

1 hour 30 minutes

Name : _____ ()

Class : P 3 _____

INSTRUCTIONS TO PUPILS

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

Follow all instructions carefully.
There are 25 questions in this booklet.
Answer **ALL** questions.

INFORMATION FOR PUPILS

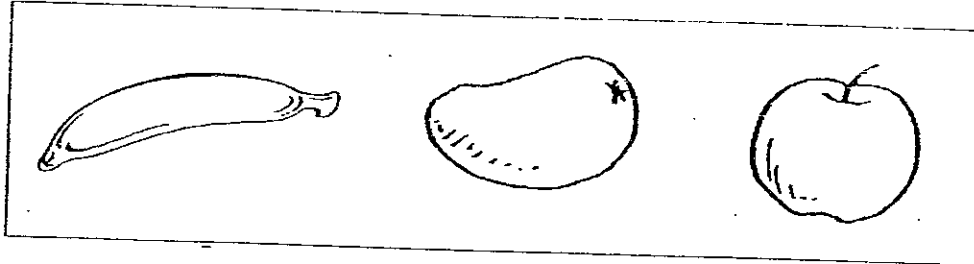
The total marks for this booklet is 50.
The total time for Booklets A and B is 1 hour 30 minutes.

This question paper consists of 13 printed pages. (Inclusive of cover page)

Section A (50 marks)

For each of the following questions from 1 to 25, 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 The following things are grouped together based on a common characteristic.



We cannot put rose in the above group because it is not a _____.

- (1) fruit
- (2) stem
- (3) seed
- (4) plant

- 2 Animal X has the following characteristics:

- It lives in water.
- It breathes through gills.
- Its body is covered with scales.

What can animal X be?

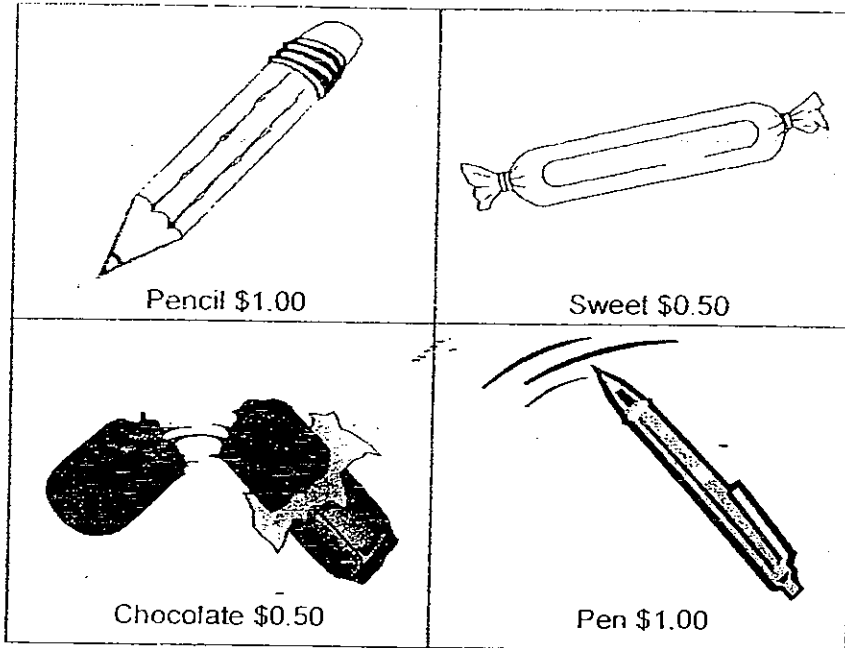
- (1) Crab
- (2) Turtle
- (3) Tadpole
- (4) Goldfish

- 3 Classification is important because _____.

- A it helps us to organise things
- B we want to find out its similarities
- C it ensures the continuity of living things

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

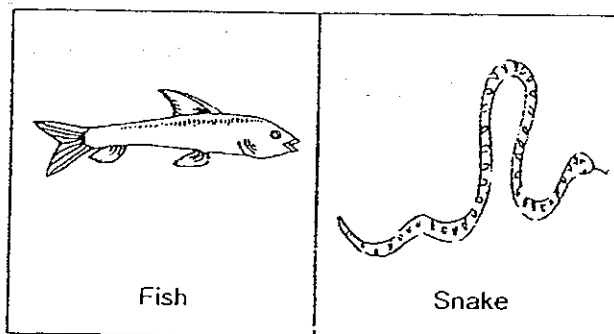
4 Mary has the following objects shown below.



She can classify the above objects according to their uses. She can also classify them according to _____.

- (1) size
- (2) price
- (3) whether they are living or non- living things
- (4) whether they are red colour or green colour

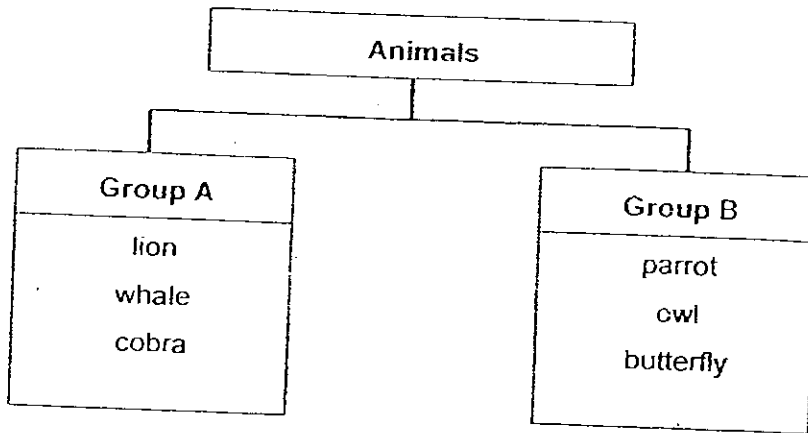
5 The animals below have the same body covering.



Which one of the following animals can be placed in the same group as the animals above?

- (1) bat
- (2) prawn
- (3) jellyfish
- (4) crocodile

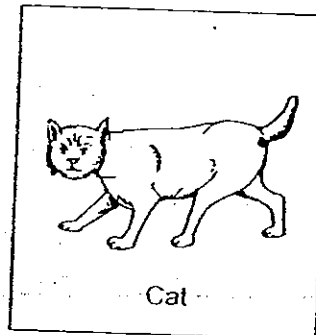
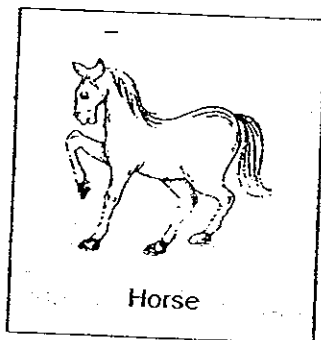
6 Study the classification chart below carefully.



Which of the following are suitable sub-headings for the above classification?

	Group A	Group B
(1)	Has hair	Has feathers
(2)	Give birth	Lay eggs
(3)	Cannot fly	Can fly
(4)	Live in water	Live on land

7



The animals above are similar in terms of _____

- A size
 - B movement
 - C body covering
 - D the food they eat
- (1) A and B only
 - (2) A and D only
 - (3) B and C only
 - (4) C and D only

- 8 Fred's teacher asked him to list the ways in which the animals given below move. He wrote his answers as follows.

crow	→	move with wings
snake	→	move with body
millipede	→	move with legs
angelfish	→	move with flippers

His teacher told him that one of his answers was wrong. Which animal had the **wrong** movement?

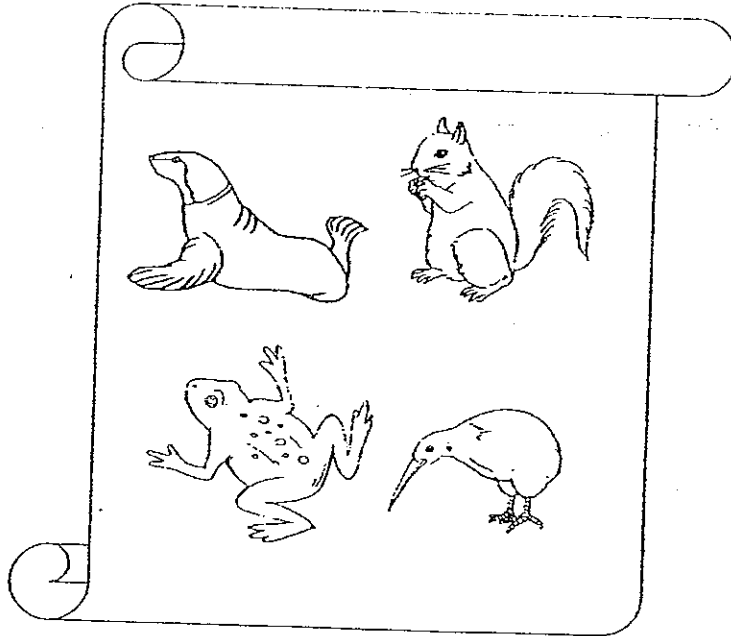
- (1) crow
 - (2) snake
 - (3) millipede
 - (4) angelfish
- 9 The table below shows how some animals can be grouped.

	Eats plants only	Eats animals only
Lays eggs	W	X
Gives birth	Y	Z

Tiger can be placed in box _____.

- (1) W
 - (2) X
 - (3) Y
 - (4) Z
- 10 Which of the following statements are true of **all** living things?
- A They will eventually die.
 - B They can move from place to place.
 - C They respond to changes around them.
 - D They feed on other living things to survive.
- (1) A and C only
 - (2) B and D only
 - (3) B, C and D only
 - (4) A, B, C and D

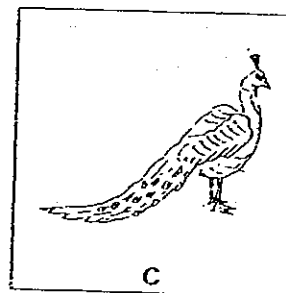
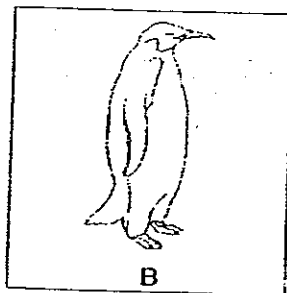
11 Tommy drew a poster for the Science Corner in his class.



Which of the following headings is most suitable for his poster?

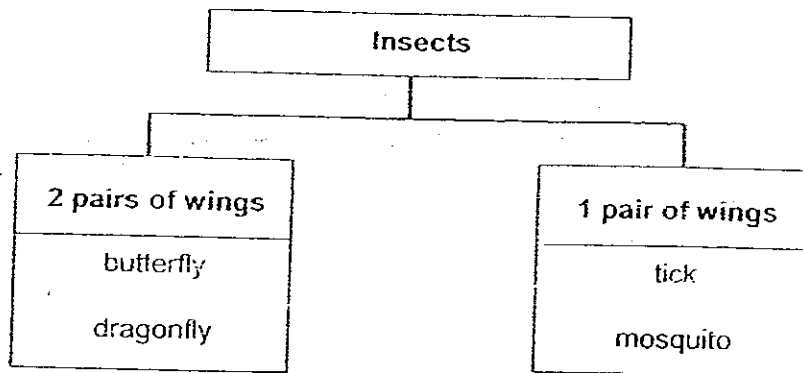
- (1) Birds
- (2) Fishes
- (3) Animals
- (4) Mammals

12 Which of the following birds cannot fly?



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

- 13 Ahmad grouped the following animals as shown.



His classmate, Aizat told him that one of the animals was classified wrongly. Which animal was classified wrongly?

- (1) tick
- (2) butterfly
- (3) mosquito
- (4) dragonfly

- 14 The diagrams below show a toadstool and some mould.



Toadstool



Mould (growing on bread)

Which one of the following statements is true of both the toadstool and the mould?

- (1) It is a micro-organism.
- (2) It breaks down its food.
- (3) It has a stalk, cap and gills.
- (4) It is useful as it can be eaten.

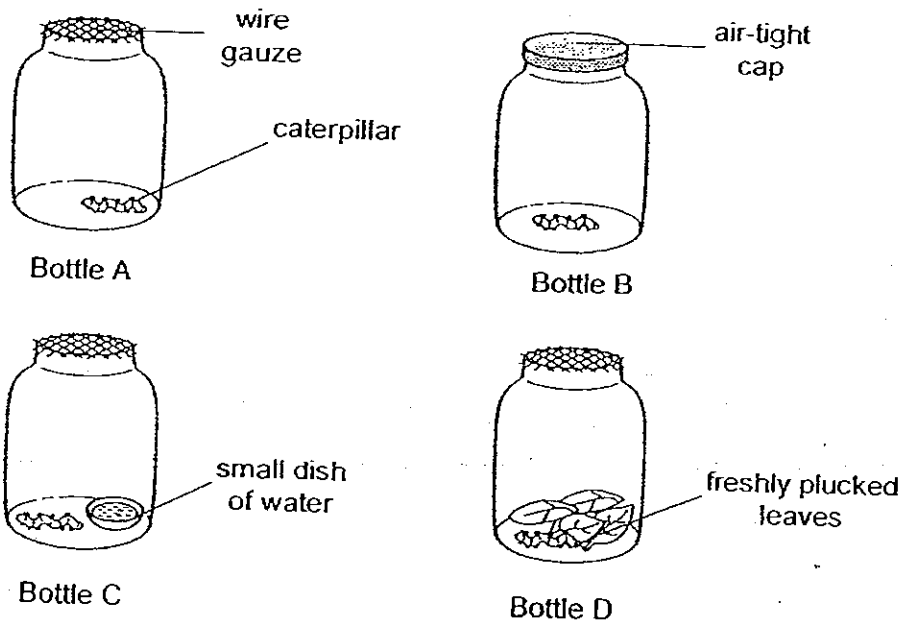
15 The table below shows how some plants can be grouped.

	Has pleasant smell	Has unpleasant smell
Flowers grow singly	P	Q
Flowers grow in a cluster	R	S

Rafflesia can be placed in box _____

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

16 Darren put a caterpillar each into 4 similar plastic bottles as shown below.

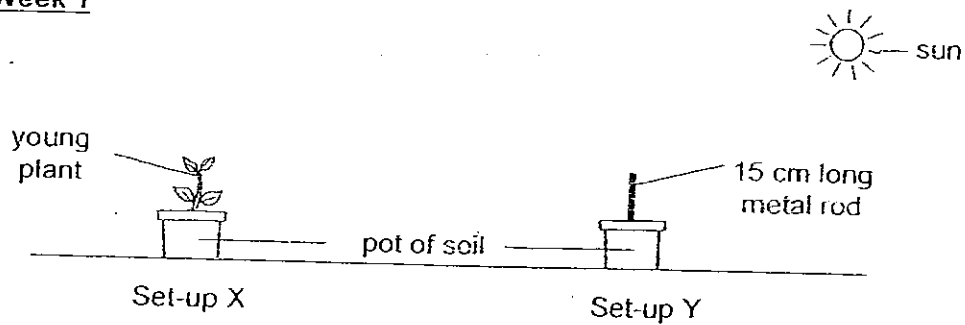


The caterpillar in Bottle _____ will live for the **longest** period of time.

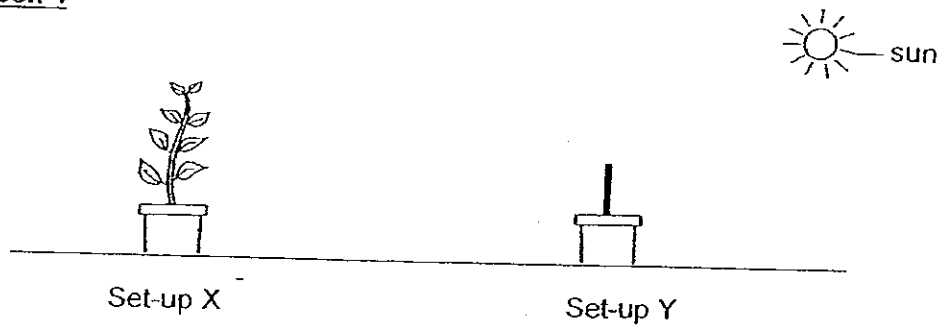
- (1) A
- (2) B
- (3) C
- (4) D

- 17 Ali set up the experiment as shown. He put the pots in the garden and watered them every day. The diagrams below show how the set-ups look like at the beginning of Week 1 and at the end of Week 4.

Week 1



Week 4



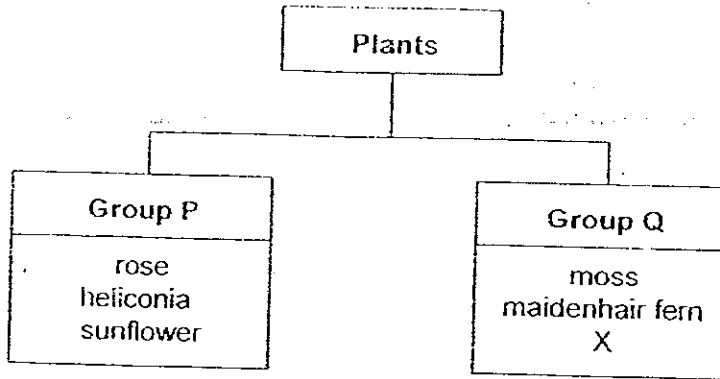
What was he trying to show?

- (1) Living things can grow.
 - (2) Non-living things can grow.
 - (3) Living things need sunlight.
 - (4) Non-living things need sunlight.
- 18 Which of the following plants can be used to make food?

- A lalang
- B jasmine
- C allamanda
- D chrysanthemum

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

19 Study the classification chart below.



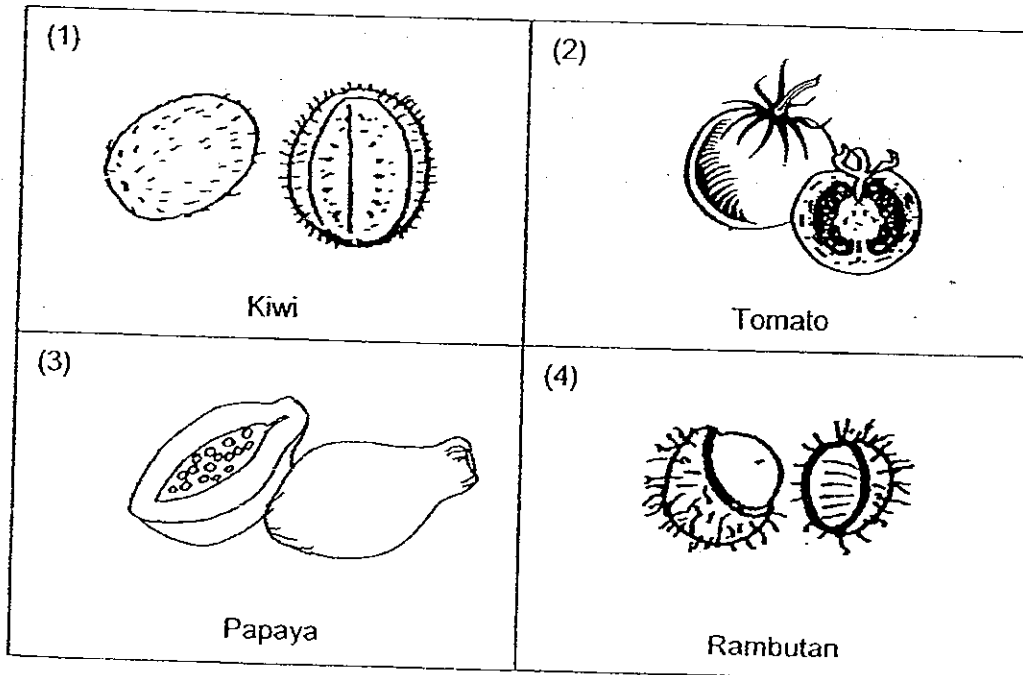
Which one of the following is most likely to be Plant X?

- (1) orchid
- (2) rafflesia
- (3) rain tree
- (4) bird's nest fern

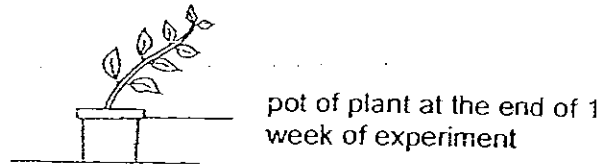
20 Peter was given a fruit. He made the following observations :

- It is hairy.
- It has many seeds.
- It is juicy and fleshy.

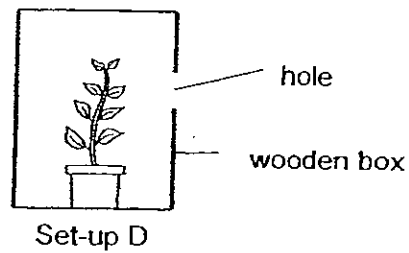
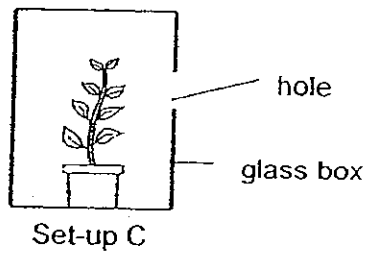
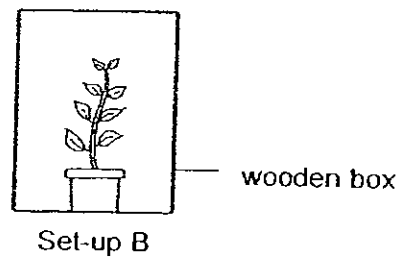
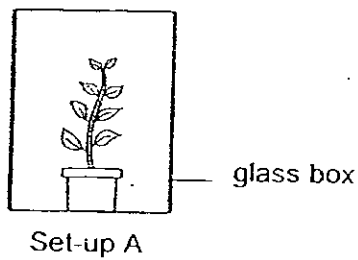
Which of the following could the fruit be?



- 21 Jack carried out an experiment to show that plants respond to sunlight. The diagram below shows how the plant looked like after a week.



Which one of the following set-ups did he use for his experiment?



- (1) A
 (2) B
 (3) C
 (4) D
- 22 Ben, Calvin and Daniel wrote about what they have learnt about fungi.

Ben : Fungi reproduce by spores.

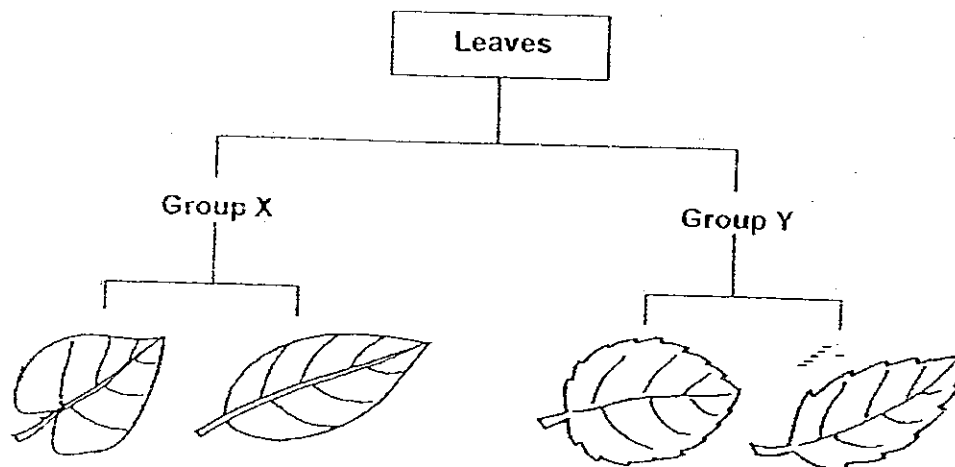
Calvin : Fungi feed only on dead animals and plants.

Daniel : Some fungi are edible.

Which boy's/ boys' statement(s) is/ are correct?

- (1) Ben only
 (2) Ben and Daniel only
 (3) Calvin and Daniel only
 (4) Ben, Calvin and Daniel

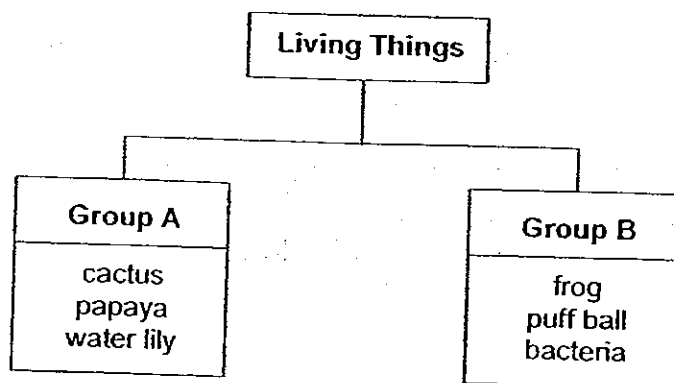
23 Study the classification table below.



Which one of the following best describes Group X?

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

24 Study the classification chart below.



The living things are grouped according to whether _____

- (1) They can or cannot be eaten
- (2) They are helpful or harmful to man
- (3) They are flowering or non-flowering plants
- (4) They are able or unable to make their own food

25 Three boys, Aziz, Bala and Charles, were talking about Organism X.

They are so tiny. I can't see them.



Aziz

Yes, some of them can make us sick.



Bala

I know some of them can be used to turn milk into yogurt.



Charles

What could Organism X be?

- (1) Ants
- (2) Moss
- (3) Mould
- (4) Bacteria

ANGLO-CHINESE SCHOOL
(JUNIOR)



SEMESTRAL ASSESSMENT 1 (2008)
PRIMARY 3
SCIENCE
BOOKLET B

Thursday 8th May 2008

1 hour 30 minutes

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 16 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 40.

The total time for Booklets A and B is 1 hour 30 minutes.

This question paper consists of 12 printed pages. (Inclusive of cover page)

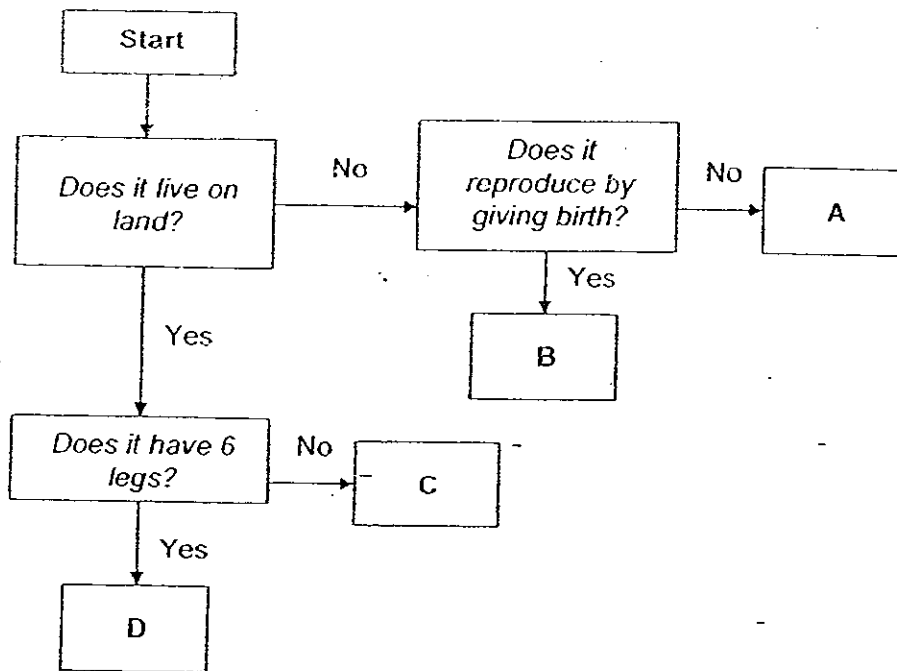
Question Numbers	Possible Marks	Marks Obtained
26	2	
27	3	
28	3	
29 - 30	4	
31 - 32	4	
33	3	
34 - 35	6	
36 - 37	4	
38 - 39	5	
40	3	
41	3	

Booklet A	/50
Booklet B	/40
Total	/90
Parent's Signature / Date	

Section B (40 marks)

For questions 26 to 41, write your answers in this booklet. The number of marks available is shown in brackets [] at the end of each question or part question.

26 The flowchart below shows how 4 animals can be classified.



Refer to the chart and complete the table below by writing A, B, C and D in the boxes provided. [2]

Dolphin	
Goldfish	
Centipede	
Housefly	

27

(a) Match the following animals to the correct classification.

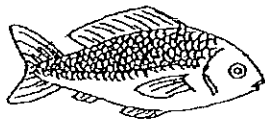
[1½]



Fish



Bird

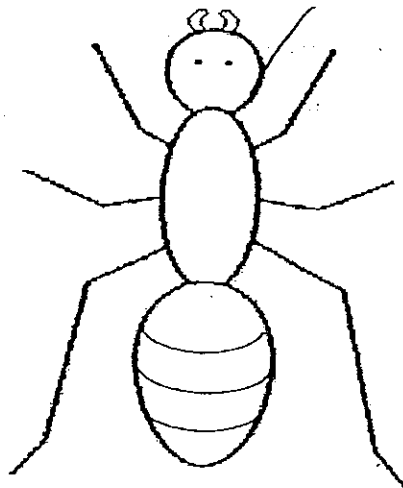


Insect

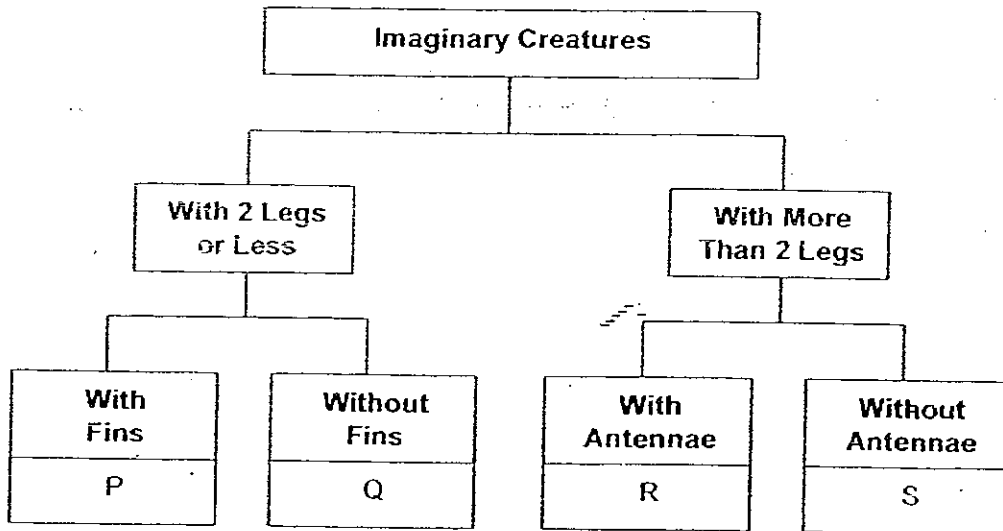
(b) State how the moth, swan and tilapia reproduce.

[½]

(c) The diagram below shows an ant. One of the common characteristics of insects is missing. Draw in the missing characteristic in the diagram below. [1]

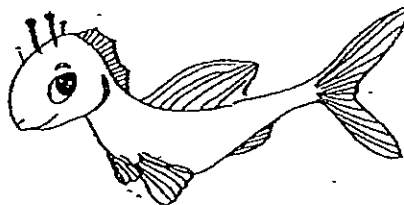
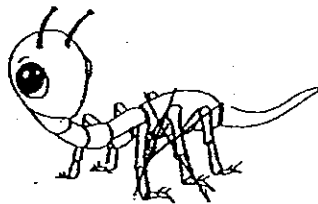


28 The classification chart below shows how some imaginary creatures can be grouped.



(a) Tommy found a creature that does not have antennae and has four legs. Which creature, P, Q, R or S is it most similar to? [1]

(b) Study the imaginary creatures below. Circle the one that is most likely to be Creature Q. Cross 'X' on the one that is most likely to be Creature R. [2]



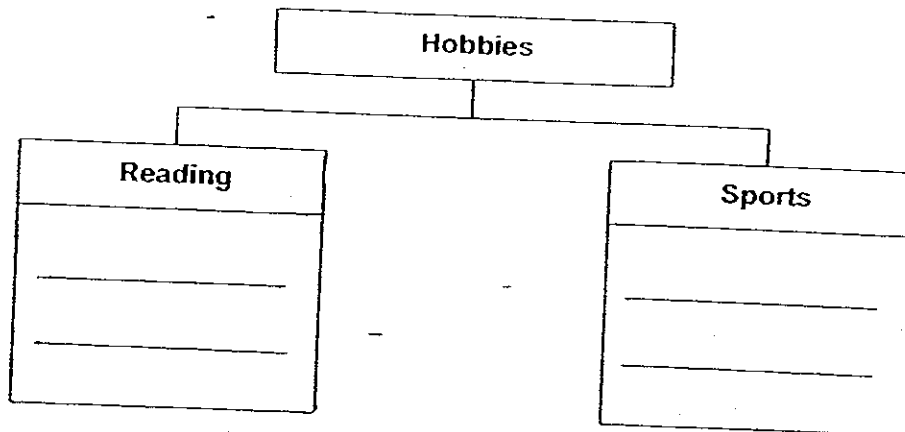
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29

A group of pupils were chatting about their hobbies. The information below records their conversation.

Jonaz:	I love to read. Reading books teaches me a lot of things. What about you, Gerald?
Gerald:	I prefer to be outside playing sports. It keeps me healthy. Am I right, Hilmy?
Hilmy:	Yes, definitely. I love to play basketball. We should play basketball together sometime
Hamish:	Sounds interesting, but I still prefer to be in the house reading my storybooks.

Using the information from the above conversation, write the names of all the pupils who enjoy different hobbies using the classification chart below. [2]



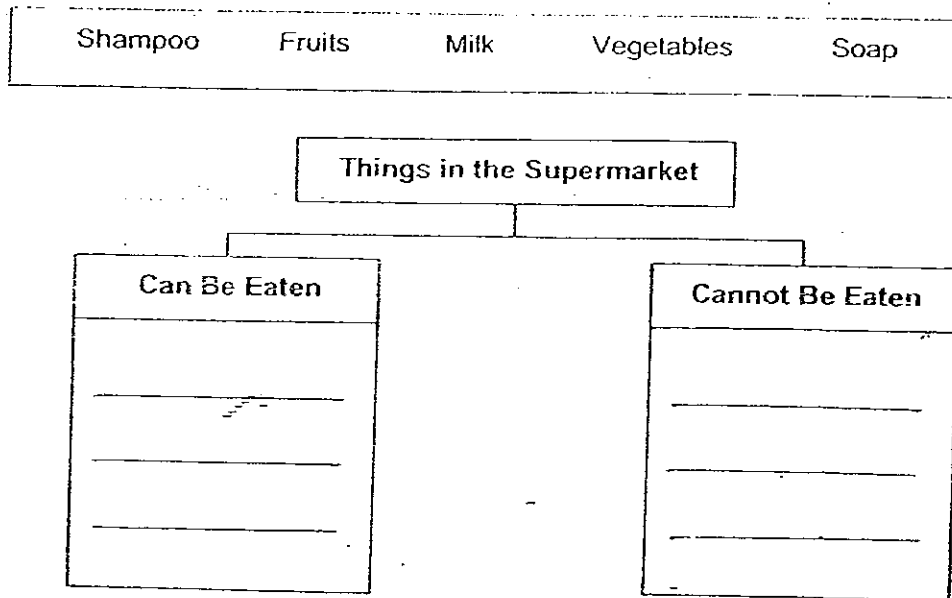
30

(a) As living things will die one day, they need to _____ so that there will always be members of their own kind around. [1]

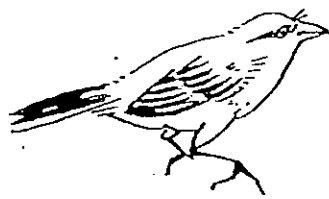
(b) Read the following statements about animals and indicate whether each statement is true or false. Put a tick (✓) in the correct box. [1]

Statements	True	False
The platypus is a mammal that lays eggs.		
A spider has 2 body parts and is therefore classified as an insect.		

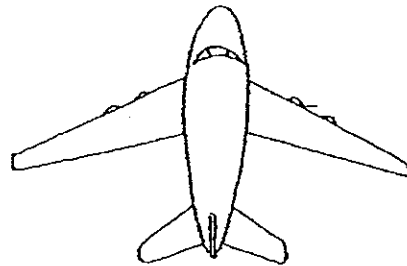
- 31 Classify the following things that you find in the supermarket into 2 groups accordingly. [2]



- 32 The diagrams below show 2 things, P and Q



P



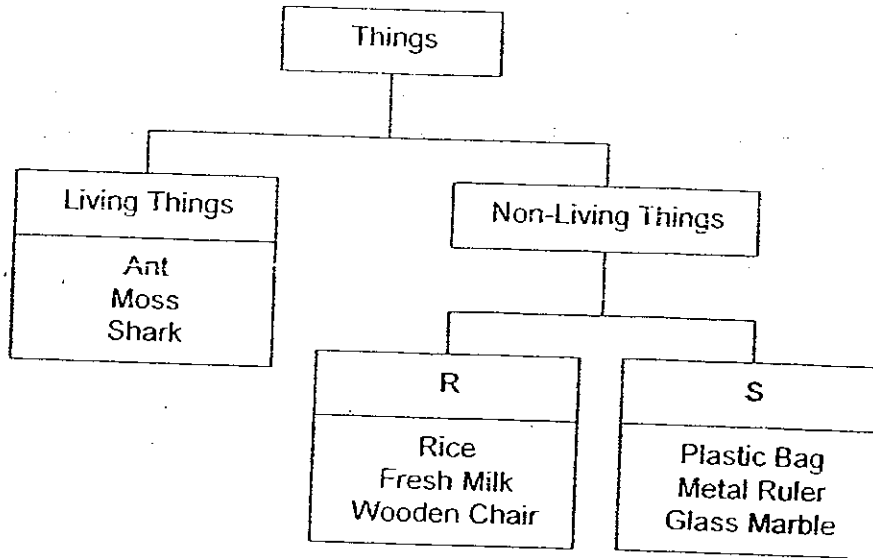
Q

- (a) State 1 way in which P is similar to Q. [1]

- (b) Compare P and Q and tick (✓) the correct statements in the table below. [1]

Statements	Tick (✓) if it is true	
	P	Q
It can give birth.		
It will look for food.		
It can carry heavy loads.		

33 Study the classification chart below.



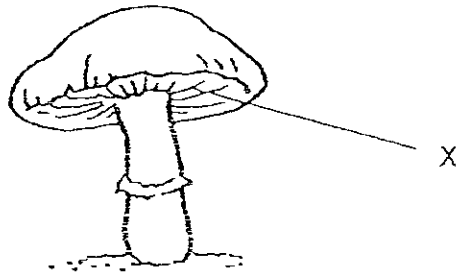
(a) Give appropriate sub-headings to the above classification chart. [2]

R: _____

S: _____

(b) In which group (R or S) would you classify a brick? [1]

34 The mushroom belongs to a group of living things.

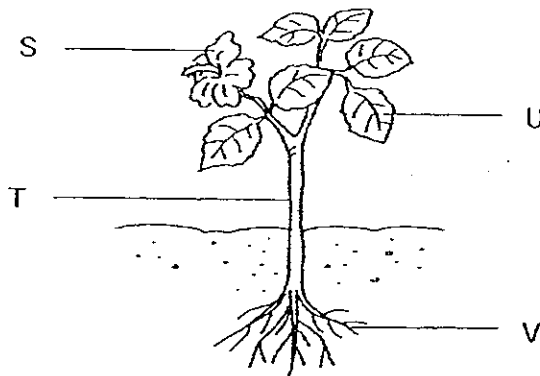


(a) Name another example of a living thing that is in the same group as the mushroom [1]

(b) Name Part X. [1]

(c) What is the function of Part X? [1]

35 The picture below shows a plant.



(a) Name the different plant parts. [2]

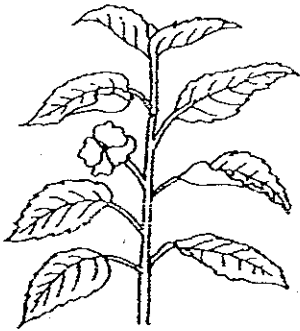
S : _____ T : _____

U : _____ V : _____

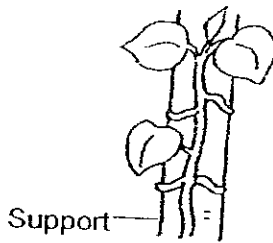
(b) Name a suitable plant which has all the parts in (a). [1]

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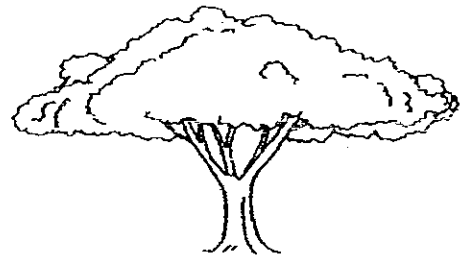
36 The pictures below show three types of plants in Mrs Tay's garden.



Plant X



Plant Y



Plant Z

(a) Which feature of a plant can be observed in Plant Z but not in the other two plants? [1]

(b) Explain why Plant Y needs a support. [1]

37 (a) Circle the living thing(s) below that is/are micro-organism(s). [1]

Yeast

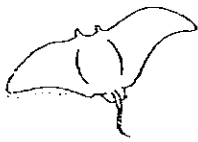


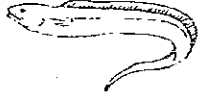
Moss

Seed

Bacteria

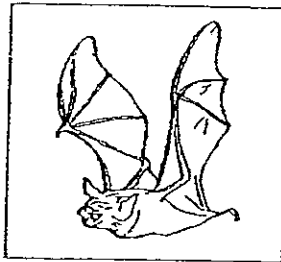
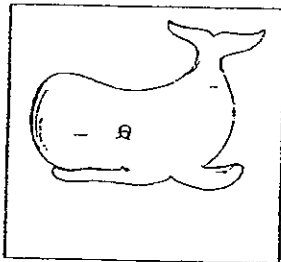
(b) State one way in which micro-organisms are useful to people. [1]

38 (a) Identify the fish(es) by putting a tick (✓) in the correct box(es) below. [1]

			
Stingray <input type="checkbox"/>	Guppy <input type="checkbox"/>	Dolphin <input type="checkbox"/>	Eel <input type="checkbox"/>

(b) Name a feature and explain how it helps fish(es) to live in water. [1]

39 Animals can be classified into main groups.

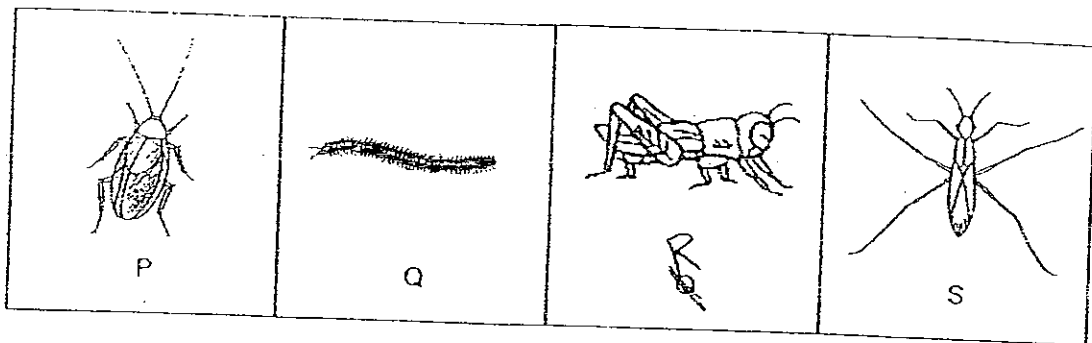


(a) Which main group of animals does the whale and the bat belong to? [1]

(b) Name another animal which belongs to the same main group as the bat and whale. [1]

(c) In what way is the whale different from the bat with regards to the place they live in? [1]

40 The pictures below show some animals.



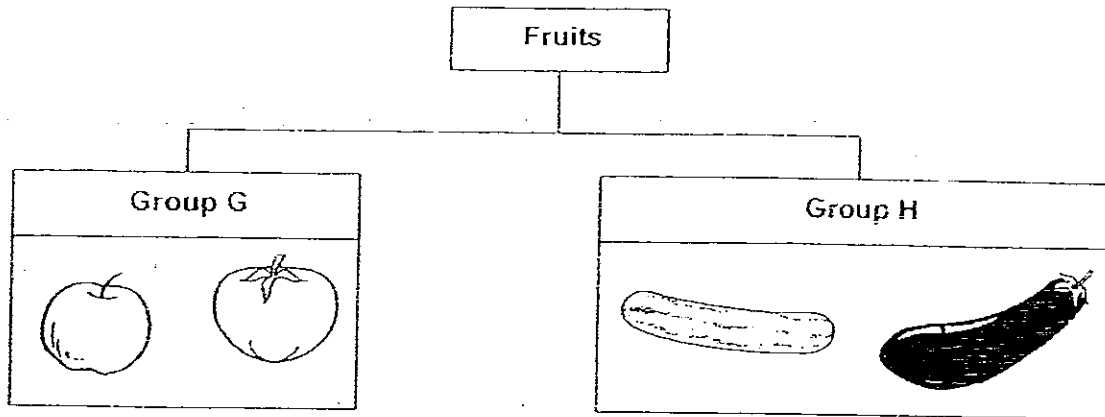
(a) Which animal, P, Q, R or S, does not belong to the same group as the others? [1]

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

(c) Name another animal which can be classified together with the 3 animals. [1]

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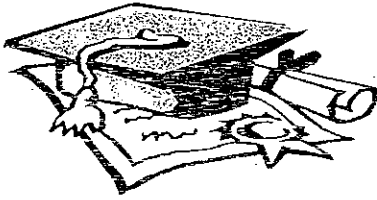
41 The classification chart below shows how some fruits are grouped.



(a) How are the fruits in Group H similar in terms of shape? [1]

(b) In which group would you put an orange? [1]

(c) Explain your choice in (b) [1]



ANSWER SHEET

EXAM PAPER 2008

SCHOOL : ACS PRIMARY SCHOOL
 SUBJECT : PRIMARY 3 SCIENCE

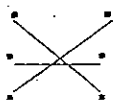
TERM : SA 1

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	Q16	Q17
1	4	2	2	4	3	3	4	4	4	3	2	1	2	2	4	1

Q18	Q19	Q20	Q21	Q22	Q23	Q24	Q25
2	4	1	4	2	4	4	4

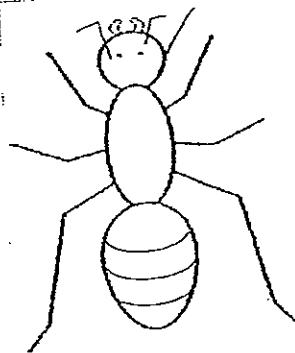
26) B, A, C, D

27) a)



b) They all lay eggs

c)



28) a) It is most similar to creature S.

b)



29) Reading: Jonaz, Hamish Sports: Gerald, Hilmy

30) a) reproduce
b) True, False

31) <u>Can Be Eaten</u>	<u>Cannot Be Eaten</u>
Fruits	Shampoo
Milk	Soap
Vegetables	

32) a) Both P and Q can fly.
b) It will look for food---P ✓
It can carry heavy loads---Q ✓

33) a) R: Once alive S: Never alive
b) Group S.

34) a) Yeast. b) Gills. c) It stores spores.

35) a) S: flower T: stem U: leaf V: roots
b) Rose

36) a) Bark. b) It is because it has a weak stem.

37) a) Yeast, Bacteria b) Yeast helps us make bread.

38) a) Stingray, Guppy, Eel
b) Gills. It helps it to breath in water.

39) a) Mammals. b) A dolphin.
c) The whale lives in water while the bat lives on land.

40) a) Animal Q.
b) It is because animal Q has more than 6 legs.
c) An ant.

41) a) Both fruits are oval shape.
b) Group G.
c) The orange is round in shape.