

Pei Chun Public School
Semestral Assessment 1 – 2011
Science
Primary 3

Name : _____ () Date : 12 May 2011

Class : Pri. 3 ()

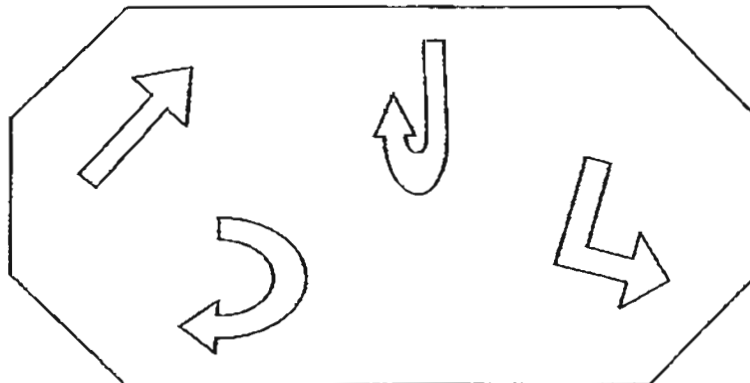
Science Teacher : _____

Time : 50 min

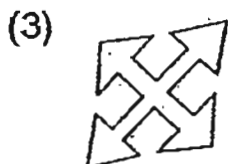
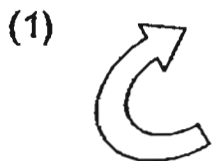
Section A (15 × 2 marks)

For questions 1 to 15, choose the most suitable answer and shade its number (1, 2, 3 or 4) on the Optical Answer Sheet (OAS) provided.

1. Study the diagram below carefully.



Which of the following can be placed in the above group?



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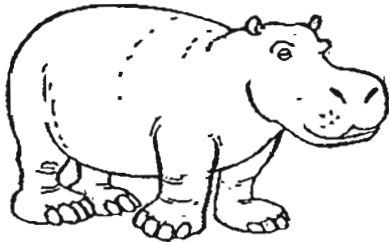
2. Which of the following statements is false?

- (1) All things that can reproduce are living things.
- (2) All things that can move are living things.
- (3) All living things need water.
- (4) All living things need air.

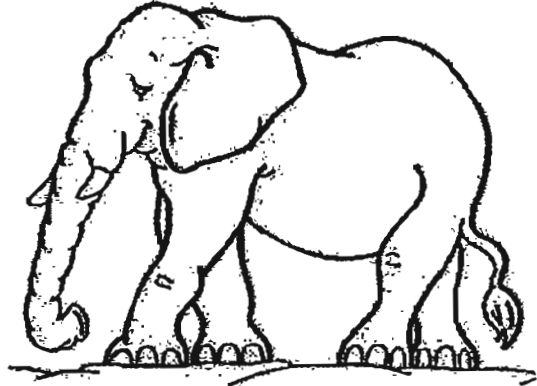
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3. Which of the following does not belong to the group?

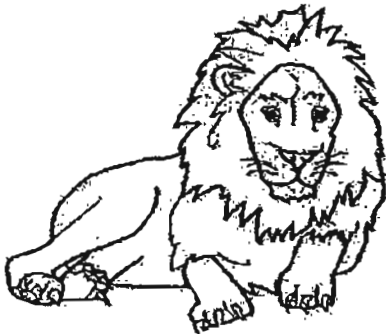
(1)



(2)



(3)

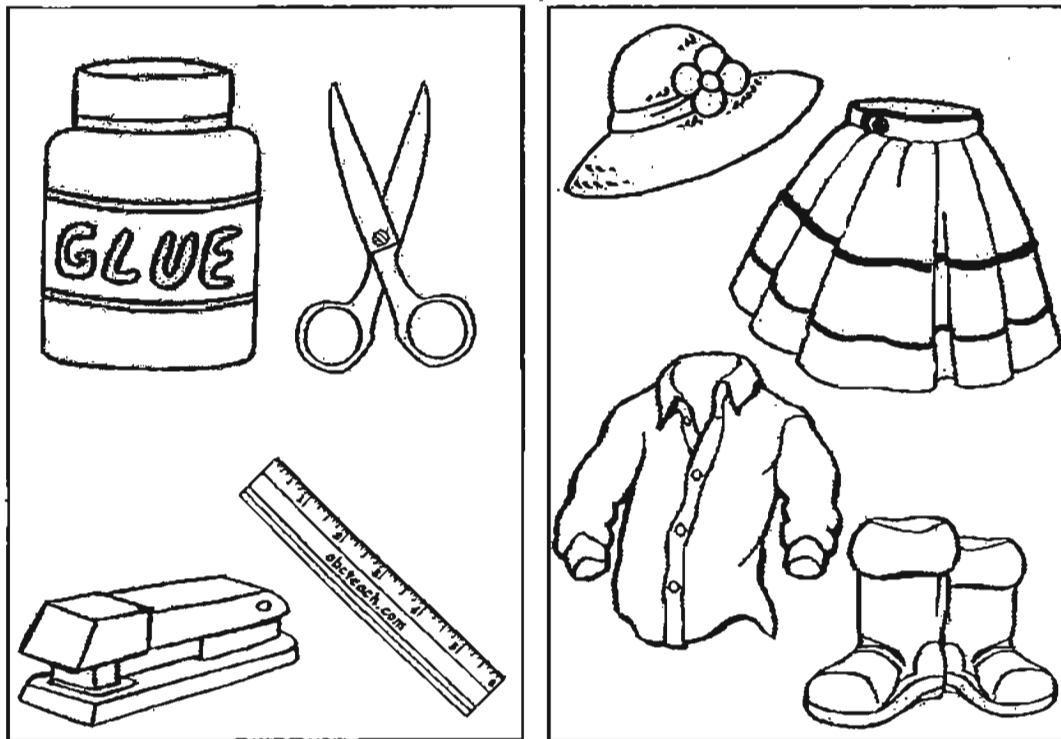


(4)



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4. Mei Lan classified some objects into two groups as shown below.



The objects in the same group are _____.

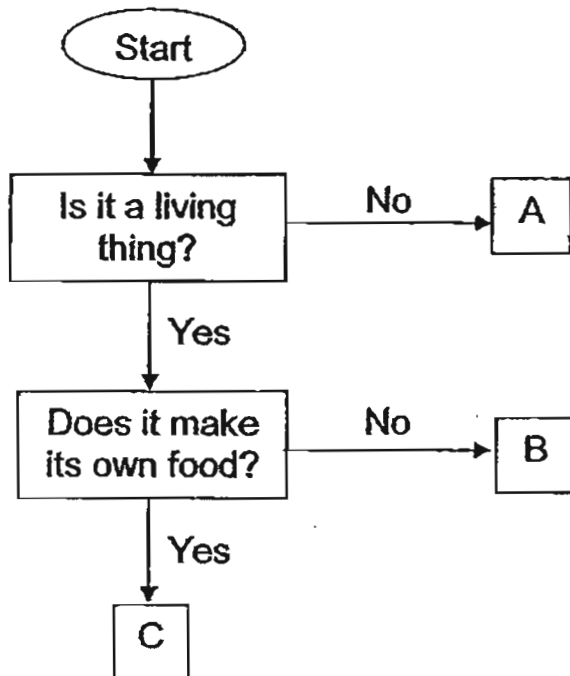
- (1) similar in size
- (2) different in size
- (3) similar in their uses
- (4) different in their uses ()

5. The table below shows the similarities and differences between mould and moss. Which of the following is correct?

	Similarities	Differences
(1)	Both reproduce by spores.	Moss can make its own food but mould cannot.
(2)	Both are living things.	Moss is poisonous but mould is not.
(3)	Both cannot make their own food.	Moss has leaves but mould does not.
(4)	Both have leaves.	Moss has flowers but mould does not.

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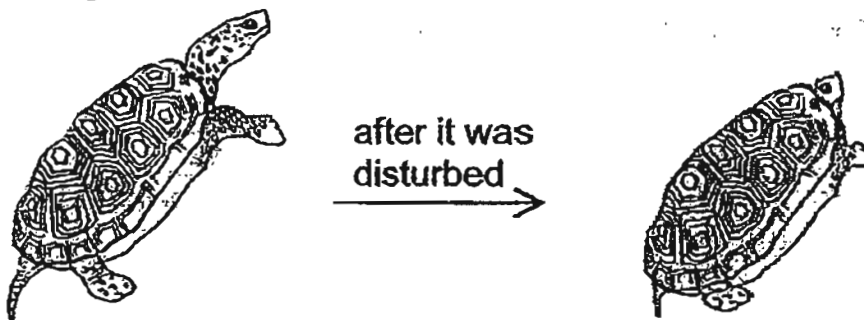
6. Study the flow chart below.



Which of the following represents A, B and C correctly?

	A	B	C
(1)	sun	tiger	mushroom
(2)	bread	fern	pitcher plant
(3)	water	mushroom	grass
(4)	cake	venus flytrap	orchid

7. The diagram below shows a tortoise after it was disturbed.



Which of the following characteristics of living things does the diagram above show?

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

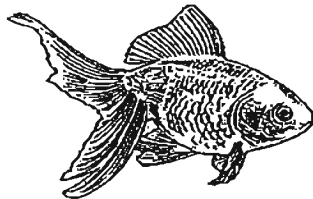
8. Which of the following statements are true about bacteria?

- A: Bacteria can be seen with the naked eye.
- B: Bacteria are a group of living things.
- C: Bacteria can reproduce.
- D: Bacteria are poisonous.

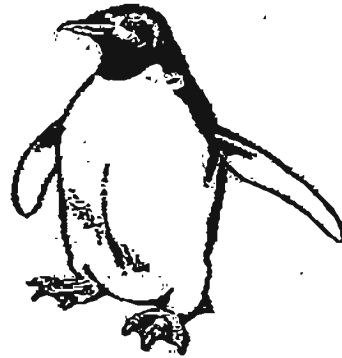
- (1) A and C
- (2) A and D
- (3) B and C
- (4) B and D

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9. The diagram below shows two animals.



Goldfish



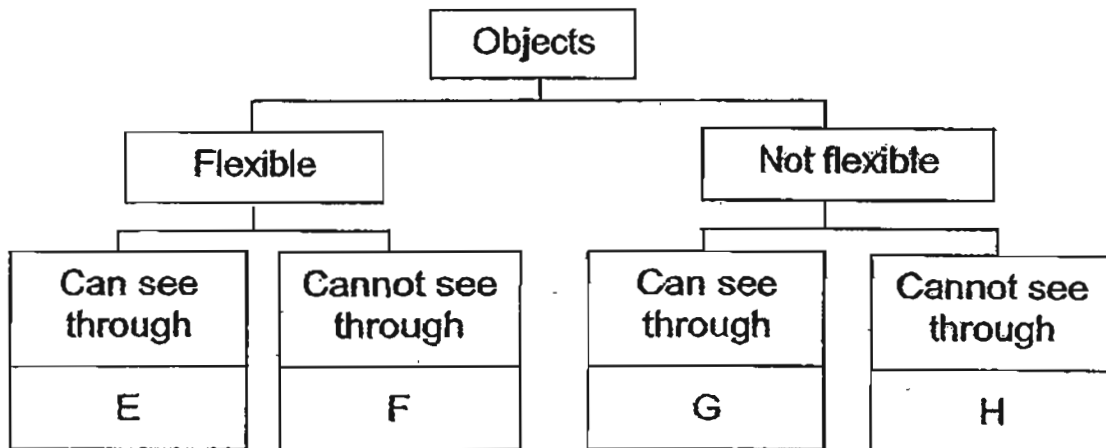
Penguin

The above animals are classified into the same group because both of them _____.

- (1) can walk
- (2) can swim
- (3) have wings
- (4) have scales

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10. Study the classification chart below carefully.



In which group should the spectacle lens and the heel of the shoe be placed?

	spectacle lens	heel of shoe
(1)	G	H
(2)	G	F
(3)	E	F
(4)	E	G

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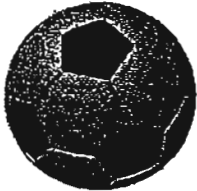
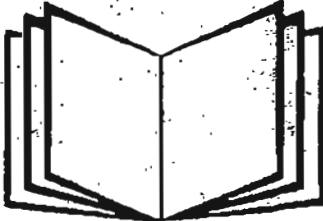
11. Which objects are matched incorrectly with the materials which it can be made of?

Materials \ Objects	Fabric	Rubber	Metal	Plastic	Wood
Slippers		✓		✓	
Plate			✓	✓	
Nail	✓	✓			
House Key			✓		✓

- (1) Nail and plate
- (2) Slippers and plate
- (3) Nail and house key
- (4) Slippers and house key

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12. Four objects are classified into two groups as shown below.

Objects	
Group R	Group S
 vase	 T-shirt
 football	 exercise book

What should be the heading for Group R and Group S?

	Group R	Group S
(1)	Waterproof	Not waterproof
(2)	Can see through	Cannot see through
(3)	Easily breakable	Not easily breakable
(4)	Sink in water	Float on water

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13. Look at the saucepan shown below.

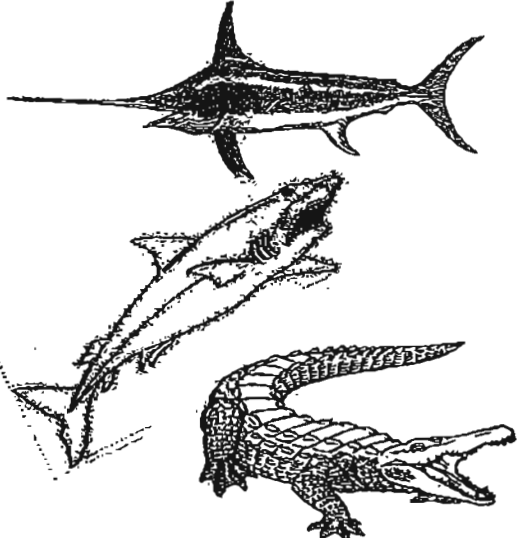
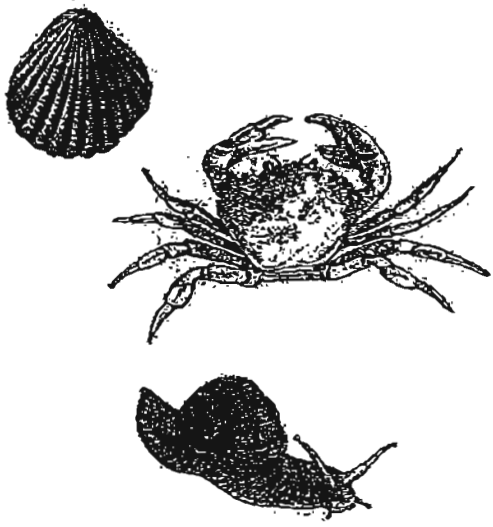


It is made of a combination of _____ and _____.


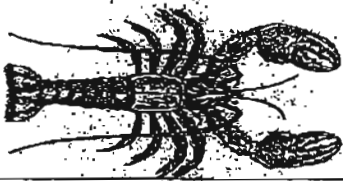

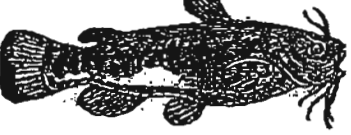


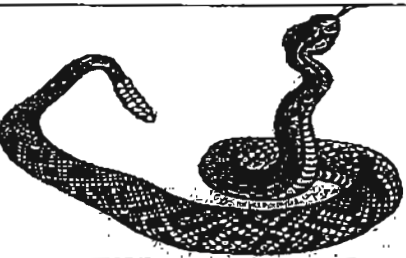
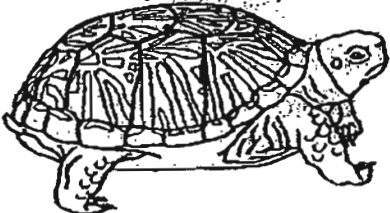
- A : glass
- B : metal
- C : plastic
- D : ceramic

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

14. Study the two groups of animals below.

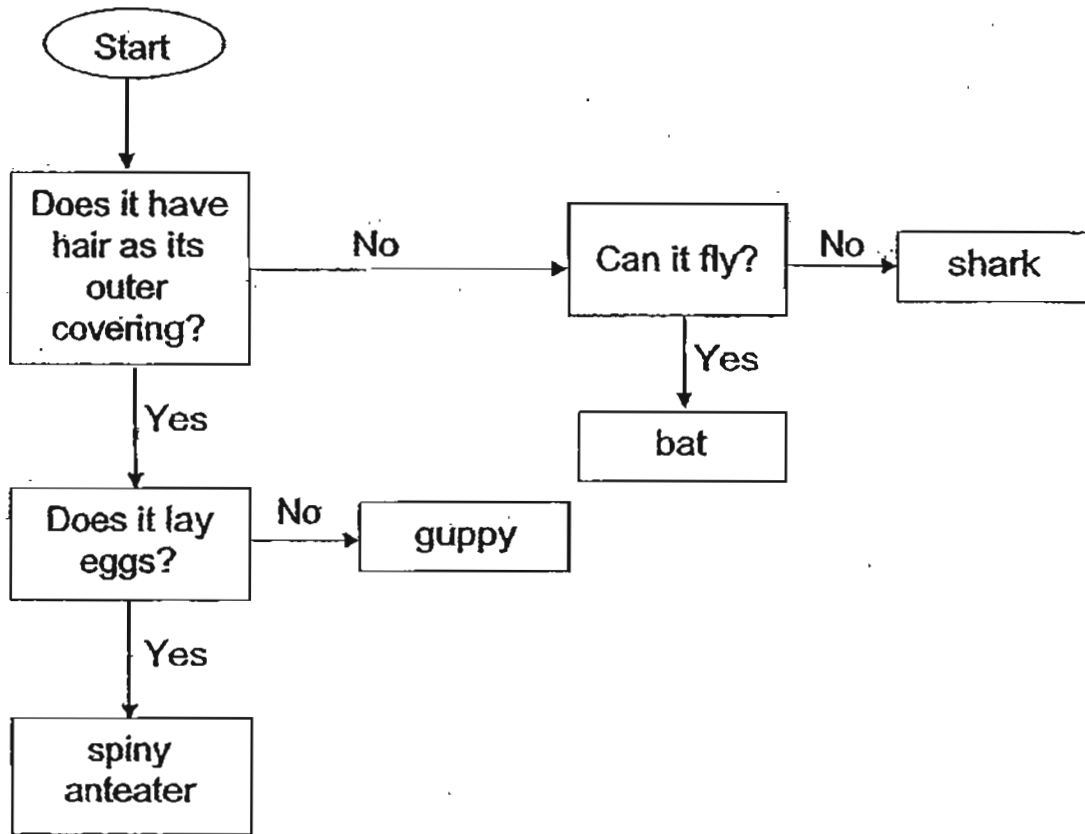
Group M	Group N
	

Which of the following animals should be placed in Group M and Group N?

	Group M	Group N
(1)		
(2)		
(3)		
(4)		

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15. Study the flow chart carefully.



Which of the following have been classified wrongly?

- (1) shark and bat
- (2) bat and guppy
- (3) guppy and shark
- (4) spiny anteater and bat

End of Section A

Pei Chun Public School
Semestral Assessment 1 – 2011
Science
Primary 3

Name: _____ ()

Class: Pri. 3 ()

Date: 12 May 2011

Time: 50 min

Science Teacher: _____

Parent's Signature: _____

Section A	30
Section B	20
Total	50

Section B (20 marks)

For questions 16 to 22, write your answers in the spaces provided.

16. Look at the diagrams below.



Based on the diagrams, put a tick (✓) in the boxes below to show if the statements about the animals are true, false or not possible to tell. (3 m)

	True	False	Not possible to tell
Both lay eggs.			
Both have wings.			
Both have feathers.			

17. Classify the animals in the box below into two equal groups. (3 m)

whale	guppy	platypus	bat	ostrich	goldfish
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Animals	
Lay eggs	Give birth

18. Selvi conducted a series of tests on materials J, K, L and M. The results are shown below.

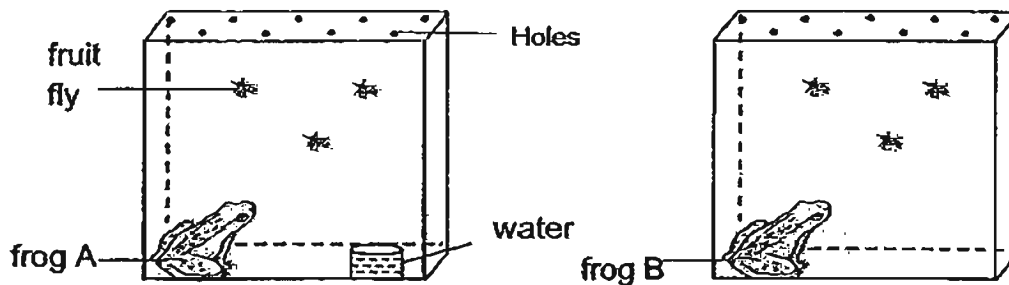
Material \ Property	J	K	L	M
Breaks easily	No	No	Yes	No
Flexible	No	Yes	No	Yes
Able to see through	No	No	Yes	No
Waterproof	Yes	Yes	Yes	No

- (a) Which material is most suitable to make a T-shirt? (1 m)

- (b) Give a reason for your answer in (a). (1 m)

- (c) Based on the table above, state the difference between material J and material K. (1 m)

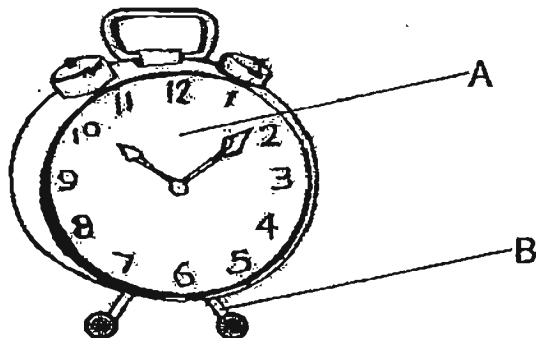
19. The set-ups below show two frogs in separate boxes.



(a) Based on the above set-ups, which frog will live longer? (1 m)

(b) Give a reason for your answer in (a) (1 m)

20. Below is the diagram of an alarm clock.

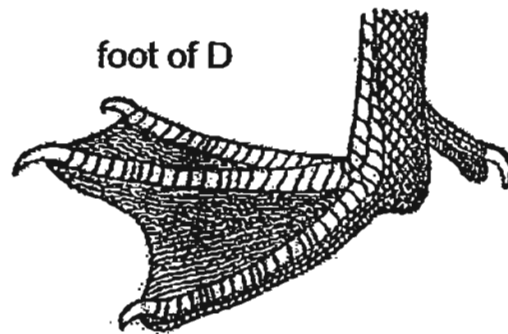
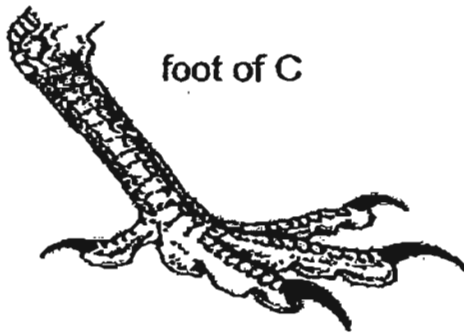
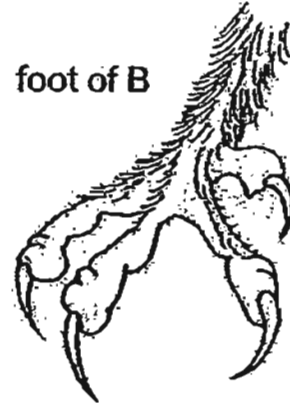
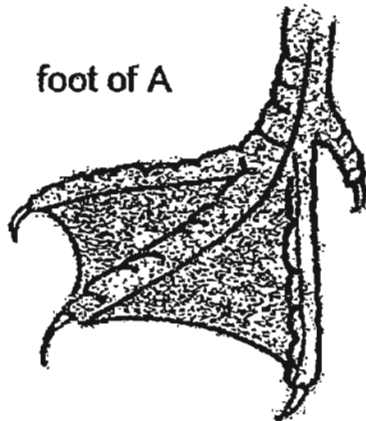


(a) What material is used to make the part labelled A, the outer cover of the clock face? (1 m)

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

(c) Give a reason why the material used to make the part (1 m) labelled B cannot be flexible.

21. Study the diagrams below carefully. They are the feet of four birds, A, B, C and D.



(a) Based on the diagrams above, classify the four birds into two equal groups. Write the letters A, B, C and D in the boxes below. (2 m)

Group 1	Group 2

(b) What outer covering do birds have? (1 m)

22. Janice did the following experiment. She placed a slice of toasted bread and a slice of bread that is not toasted on a table for five days.

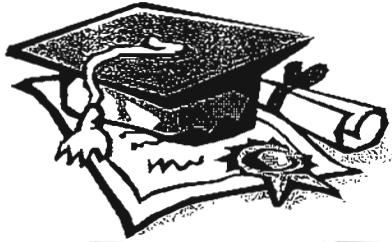
(a) Which slice of bread is most likely to have mould growing after five days? (1 m)

(b) Explain your answer for (a). (1 m)

(c) Janice placed another slice of bread that is not toasted in the refrigerator. She observed that mould only started growing on the bread after 15 days. Give a reason for her observation. (1 m)

End of Section B

Set by: Mrs Serena Woo

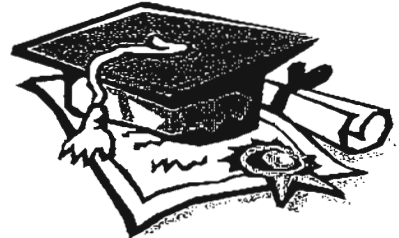


ANSWER SHEET

EXAM PAPER 2011

SCHOOL : PEI CHUN
SUBJECT : PRIMARY 3 SCIENCE

TERM : SA1



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

- 16) Both lay eggs → Not
Both have wings → T
Both have feathers → F

17)

Animals	
Lay eggs goldfish	Give birth guppy
ostrich	bat
platypus	whale

- 18) a) Material M.
b) It is flexible.
c) material J is not flexible and Material K is flexible.

- 19) a) Frog A.
b) Frog A have water and Frog B do not have water.

- 20) a) Glass.
b) It is transparent.
c) It will not be able to support.

21) a)

Group 1	Group 2
Foot of A	Foot of B
Foot of D	Foot of C

- b) Feathers.

22)a)The slice of bread that is not toasted.

b)It has more moisture in it for mould to started growing.

c)Mould grow slowly in the refrigerated which is cold.