

missing Part 1

SINGAPORE CHINESE GIRLS' SCHOOL  
FIRST SEMESTRAL ASSESSMENT 2011  
PRIMARY 3  
SCIENCE

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

Date: \_\_\_\_\_

Class: Primary 3 SY / C / G / SE / P

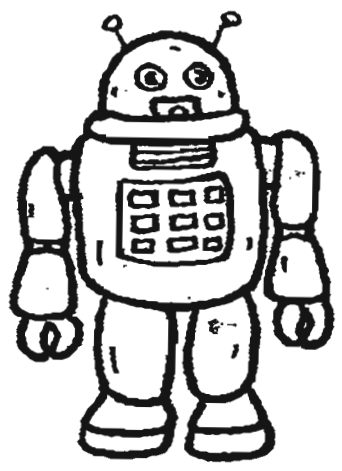
Components	Marks Obtained
Part I	30
Part II	20
Total	50

Parent's Signature:  
\_\_\_\_\_

**Part II ( 20 marks)**

Answer all the following questions.

16. Gisele observed a robot as shown below. She concluded that it is a living thing as it moves.

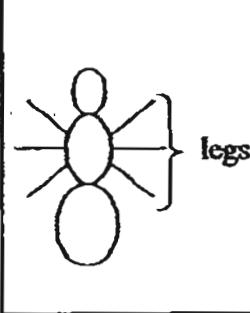
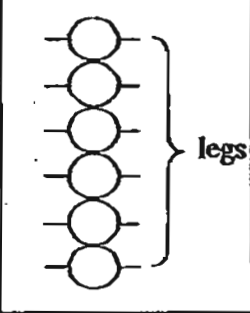
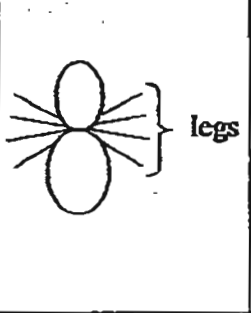
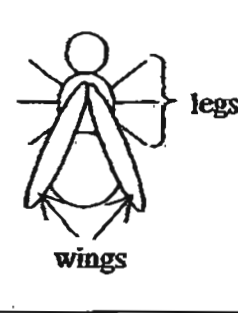


Is Gisele's conclusion correct? Explain your answer. (2m)

\_\_\_\_\_

2

17. Study the diagrams of Animals P, Q, R and S below.

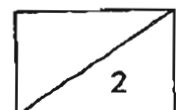
			
<b>Animal P</b>	<b>Animal Q</b>	<b>Animal R</b>	<b>Animal S</b>

a) Which of the animal/s above is/are **NOT** insect/s? (1m)

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

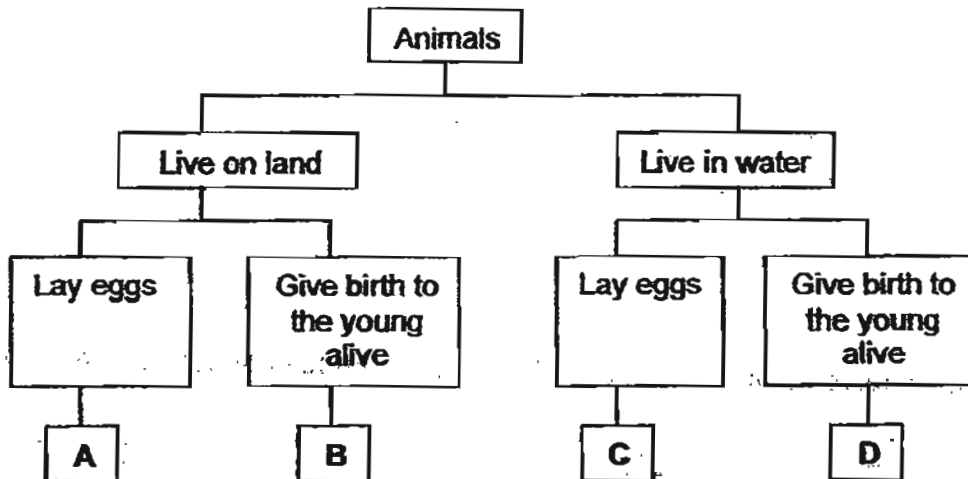
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18. Tick (✓) True/False for the following statements about birds. (2m)

	Statement	True	False
(a)	All birds can fly.		
(b)	All birds have feathers.		
(c)	All birds have two legs.		
(d)	All birds are warm-blooded.		

19.



(a) Based on the information given above, describe the characteristics of Animal D. (1m)

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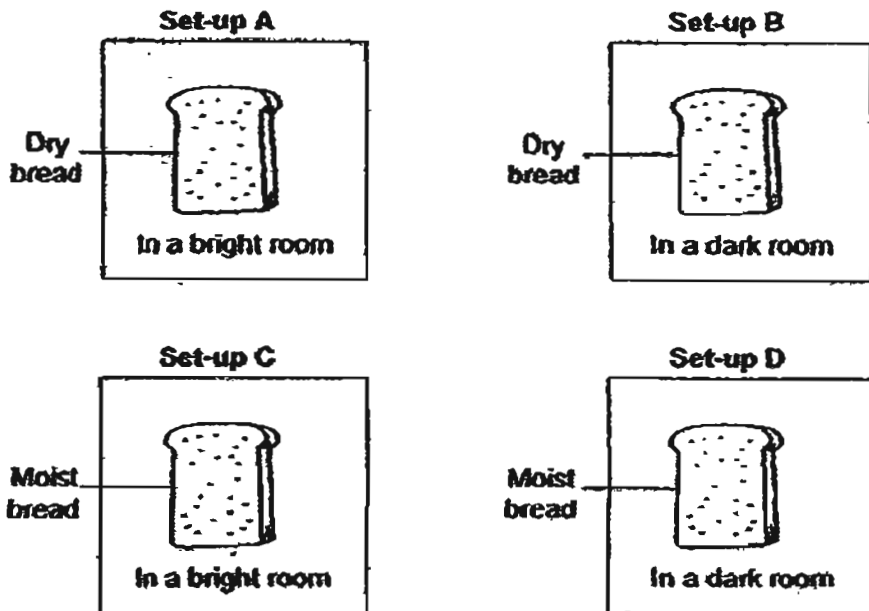
(b) Example of Animal D: \_\_\_\_\_ (1m)

(c) Based on the information given above, state one difference between Animal B and Animal C. (1m)

Difference : \_\_\_\_\_

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20. Kelvin conducted an experiment to test the conditions needed for bread mould to grow.

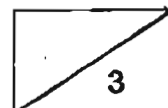


- a) He observed that set-ups A and B produced the least mould. Explain why. (1m)

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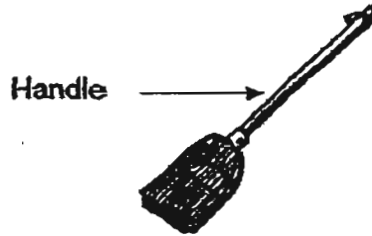
- b) Which slice of bread produced the most mould? State 2 conditions the bread had to allow the growth of the mould. (2m)

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21. A manufacturer is given a list of materials to manufacture handles for broomsticks. The following is the list of materials he is given:

- Plastic
- Wood
- Brick



From the 3 materials above, pick one material that is least suitable for making the handles. Explain your answer. (2m)

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22. Study the diagram below. Alice's mug slipped off her fingers and broke into pieces.

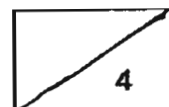


a) What material could the mug be made of? (1m)

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b) Suggest another material for the mug so that it will not break easily. (1m)

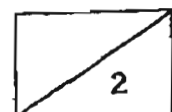
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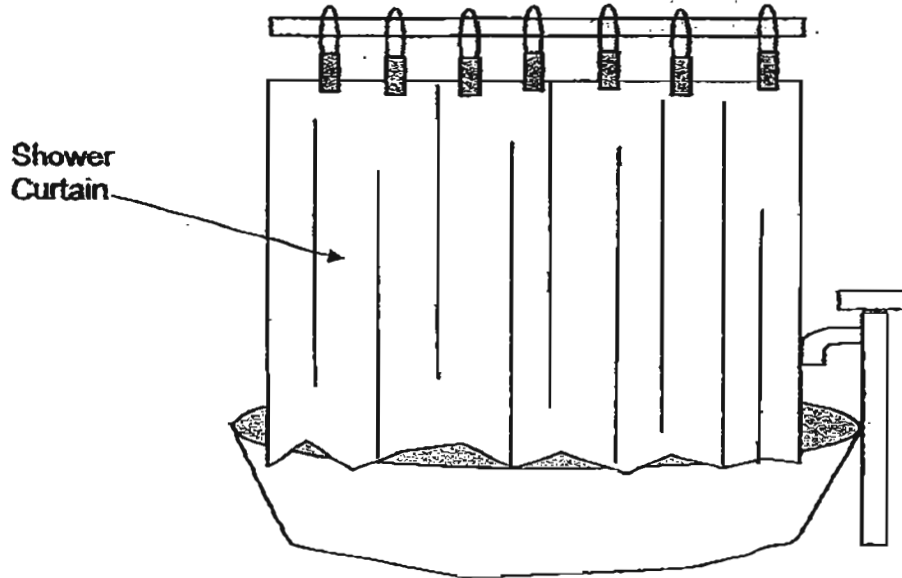
23. Out of the six objects shown below, match **FOUR** to their properties. (**ONE** object to **ONE** property) (2m)

Property
(a) It is light and waterproof. ●
(b) It is elastic and light. ●
(c) It is transparent and easily breakable. ●
(d) It is usually shiny and strong. ●

Object
● Tissue Paper
● Glass
● Gold Ring
● Brick
● Rubber Band
● Plastic Bag



24. Study the picture of a shower curtain shown below.



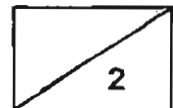
Lauren bought a shower curtain for her bathroom. She wanted to prevent water from going beyond the shower area.

a) What material should the shower curtain be made of? (1m)

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b) Describe two properties of the material you have chosen for (a). (1m)

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~ End of Paper ~

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PRIMARY 3 SCIENCE

(NO-PART 1)

**Part B**

Question No.	Suggested Answer
16.	No. It does not need air, food and water for survival/ does not respond to changes/ does not grow/ does not reproduce/ will not die/ cannot move without batteries (List any characteristic of living things)
17.	a) Animals Q and R b) Both animals Q and R have more than 6 legs./ Both animals Q and R do not have 3 body parts.
18.	(a) All birds can fly- False (b) All birds have feathers- True (c) All birds have two legs- True (d) All birds are warm-blooded- True
19.	a) Animal D gives birth to the young and lives in water. b) Guppy/ Whale/ Dolphin c) Animal B gives birth to the young while animal C lays eggs./ Animal B lives on land while animal C lives in water.
20.	a) There is less moisture in setups A and B as compared to C and D./ Setups A and B are dry while C and D are moist./ A and B do not have sufficient moisture for the mould to grow.



	b) D. Dark/ wet/ warm conditions
21.	Brick. Bricks break easily/ are brittle/ fragile/ heavy
22.	a) Ceramic/glass b) Plastic/Metal
23.	* Refer to diagram below
24.	a) Plastic/Rubber (Any waterproof material) b) Waterproof/ light/ durable

23.

