PEI CHUN PUBLIC SCHOOL

PRIMARY 3

TERM 2 WEIGHTED ASSESSMENT 2021

SCIENCE

Time: 30 min

Name: _____ ( )

Class: Primary 3 /( )_____

Date: 12 May 2021

Science Teacher: _____

Parent's Signature: _____

SECTION A	/10
SECTION B	/10
TOTAL	/20

INSTRUCTIONS TO CANDIDATES

1. Do not turn over this page until you are told to do so.
2. Follow all instructions carefully.
3. Answer all questions.
4. Write your answers in this booklet.

This booklet consists of 9 printed pages including the cover page.

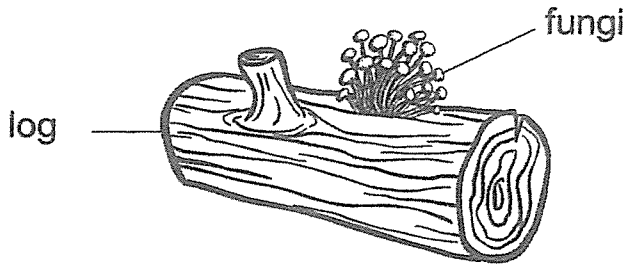
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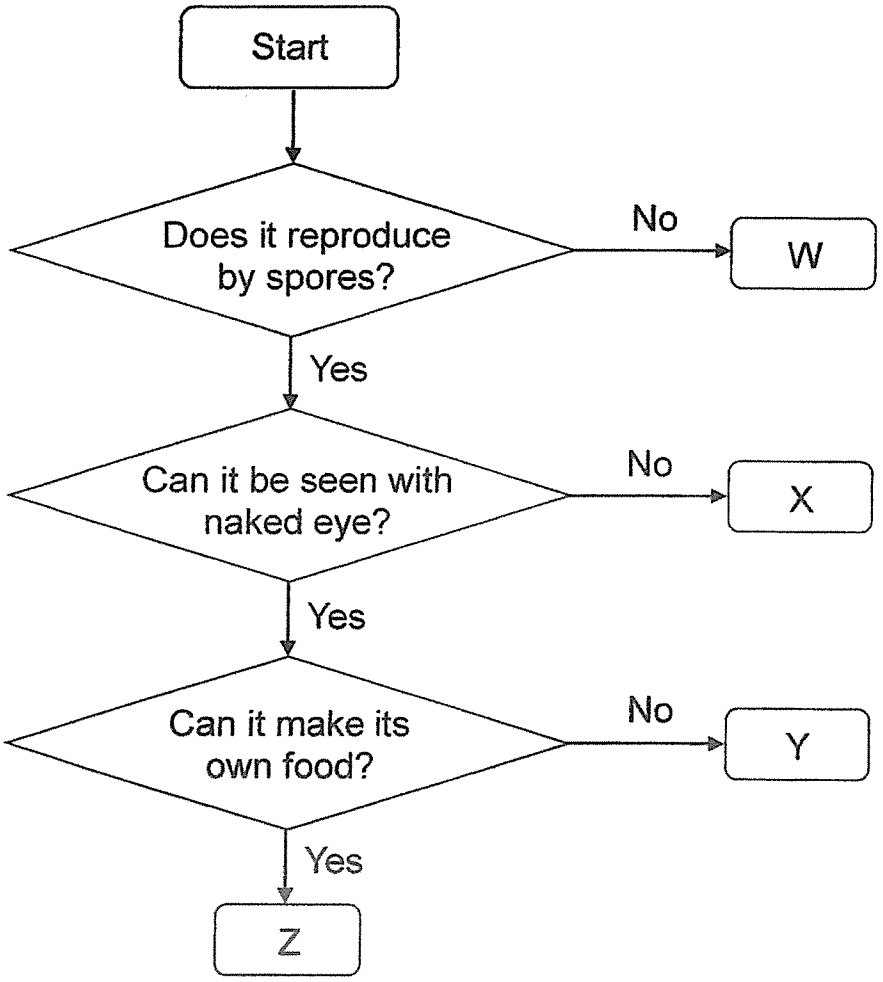
Section A (5 × 2 marks)

For questions 1 to 5, choose the most suitable answer and write its number (1, 2, 3 or 4) in the brackets provided.

1 The diagram below shows some fungi growing on a log.



Study the flowchart given below.



Which of the following correctly represents the fungi?

(1) W
(2) X
(3) Y
(4) Z ( )

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2 Which of the following statements about bacteria are true?

A : Mould is a type of bacteria.
B : Bacteria feed on other living things.
C : Bacteria can be found in our bodies.

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

3 The table below shows the properties of objects P, Q, R and S.

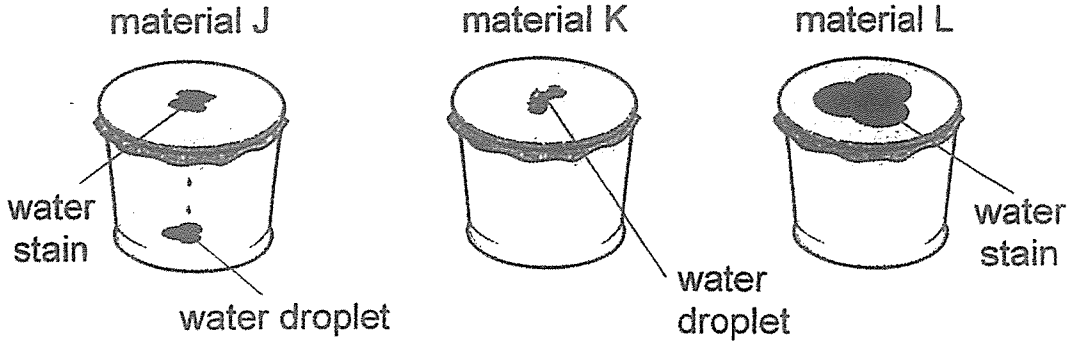
Object	Breaks easily when dropped	Allows light to pass through it
P	Yes	No
Q	Yes	Yes
R	No	No
S	No	Yes

Which of the following objects is most likely to be a ceramic plate?

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

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4 Ahmad added five drops of water on materials J, K and L. The diagram below shows what happened after the water was added. When water was absorbed by the material, a water stain was formed on it.



Based on his observations, which of the materials is/are waterproof?

(1) J only
(2) K only
(3) J and L only
(4) K and L only ( )

5 Bella classified four objects into two different groups according to the material that they are made of.

Group X	Group Y
car tyre eraser	towel bedsheet

Which of the following shows the correct materials that the objects in the two groups are made of?

	Group X	Group Y
(1)	wood	fabric
(2)	rubber	wood
(3)	wood	rubber
(4)	rubber	fabric

( )

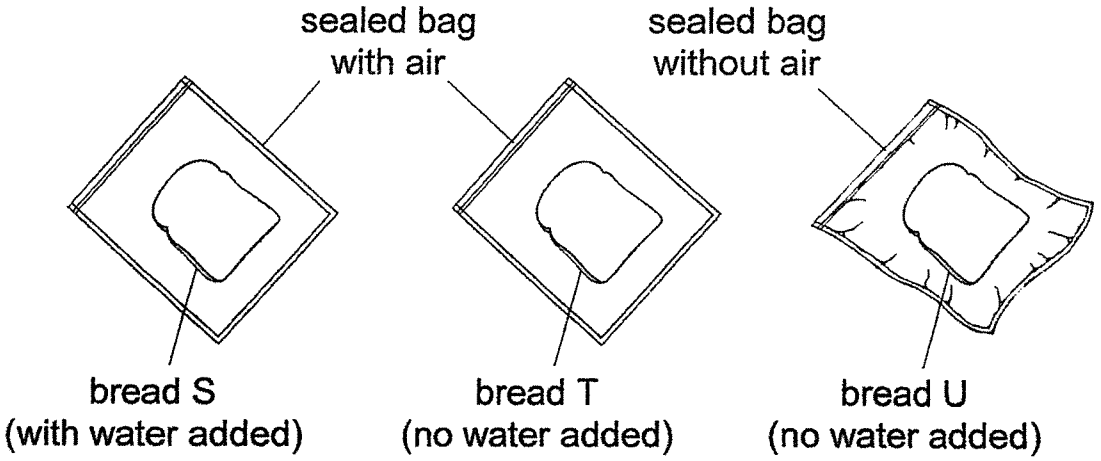
End of Section A

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Section B (10 marks)

For questions 6 to 9, write your answers in the spaces provided.

6 Alicia placed three identical pieces of bread, S, T and U, in three identical plastic bags. A few drops of water were added to bread S only. She sealed the bags and left them in a dark room. The air in the bag with bread U was removed before it was sealed.



(a) After one week, she observed that bread S was more mouldy than bread T. Explain why more mould was able to grow on bread S. [1]

_____

_____

(b) There was no mould growing on bread U after one week. Give a reason why mould could not grow on bread U. [1]

_____

_____

SCORE	

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7 Jim conducted an experiment with three similar slices of potato. He left the slices in different places for one day as shown below.

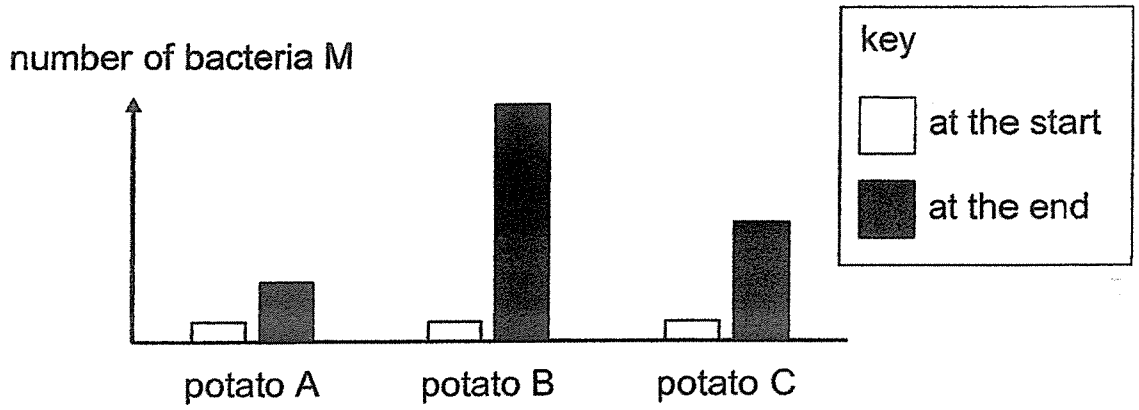


potato A (kept in the refrigerator)

potato B (left in a warm room)

potato C (left in a cold room)

He recorded the number of bacteria M on each slice of potato at the start and the end of his experiment. His results are shown below.



(a) Jim observed that the number of bacteria M on all the slices of potato increased after one day.

Based on Jim's observation, which characteristic of living things was shown by bacteria M? [1]

_____

_____

(b) Based on Jim's results, in which place did the number of bacteria M on the potato increase the most? Tick (✓) the correct box. [1]

☐ In the refrigerator

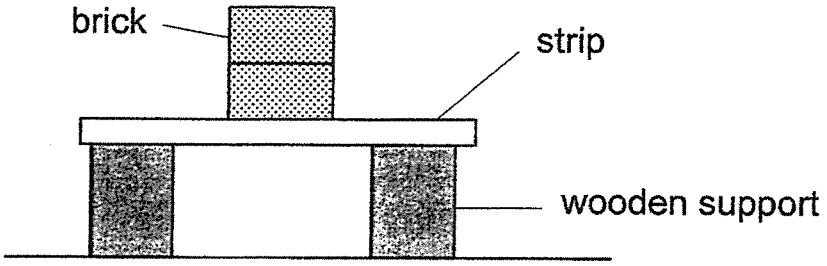
☐ In the warm room

☐ In the cold room

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8 Freddy had four strips made of different materials, W, X, Y and Z. The strips were of the same size and thickness. He conducted an experiment as shown below.



He placed bricks on each strip, one brick at a time, until the strip broke.

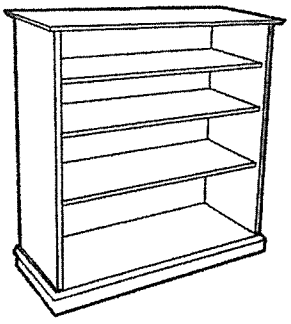
The table below shows the results of his experiment.

Material	W	X	Y	Z
Maximum number of bricks the strip can hold without breaking	4	10	2	7

(a) Which property of the materials was he testing with his experiment? [1]

_____

(b) The diagram below shows a bookshelf for holding heavy books.



(i) Which material, W, X, Y or Z, is most suitable for making the bookshelf? [1]

_____

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

_____

_____

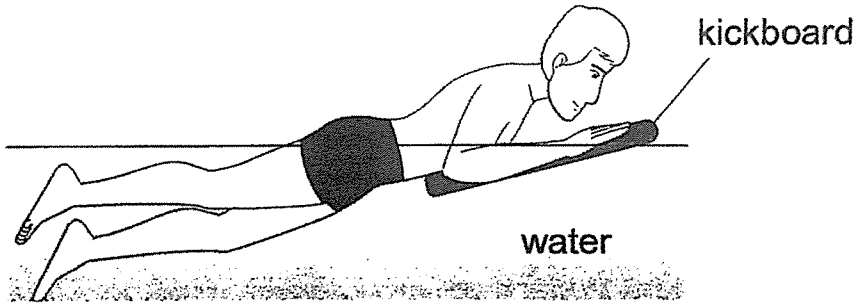
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9 The table below shows the properties of materials, A, B, C and D. A tick (✓) shows that the material has the property.

Material	A	B	C	D
Allows light to pass through			✓	✓
Able to absorb water			✓	
Sinks in water	✓		✓	✓

(a) The diagram below shows a boy swimming with a kickboard.

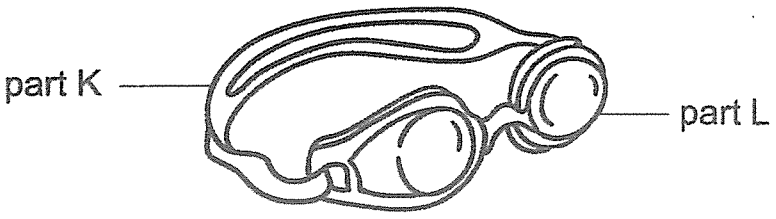


Which material, A or B, is more suitable for making the kickboard? Give a reason for your answer. [1]

_____

_____

(b) The diagram below shows a pair of goggles that the boy could put on to allow him to see in the water.



(i) Which material, A, B, C or D, is most suitable for making part L? [1]

_____

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(ii) Rubber is used for making part K of the goggles.
Give a property of rubber that allows part K to be worn easily around back of the head. [1]

_____

_____

End of Section B

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ANSWER KEY

YEAR : 2021
LEVEL : Primary 3
SCHOOL : Pei Chun Public School
SUBJECT : SCIENCE
TERM : Term 2 Weighted Assessment

Section A

Q1	3	Q2	3	Q3	1	Q4	2	Q5	4

Section B

Q6	(a) Bread S had more moisture in it that allows more mould to grow on it. (b) Mould can't grow on bread U because there is no air and mould can't survive wtithout air.
Q7	(a) Bacteria M grows and reproduce. (b) Tick, In the warm room.
Q8	(a) Strength (b) (i) Material X. (ii) X is able to hold the most amount of bricks compared to Materials W, Y and Z so it is the strongest, thus suitable for a bookshelf.
Q9	(a) B. B is able to float while A will sink thus B is more suitable for a kickboard. (b)(i) Material D (ii) Rubber is elastic. (Flexibility)

1

END

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