Catholic High School (Primary)
Primary 3 Science
Weighted Assessment

MARKS	/ 30

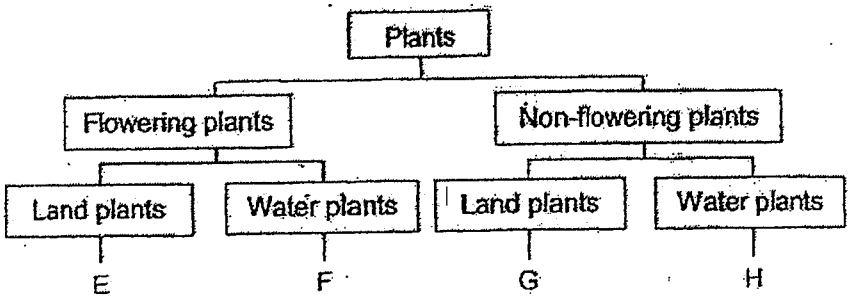
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Date: Parent's Signature: _____

Section A (10 × 2 marks)
For each question from 1 to 24, four options are given. One of them is the correct answer. Make your choice (1, 2, 3 or 4), Write your answer in the brackets provided.
(20 marks)

1 Study the diagram below.



Jack saw a plant growing on a tree. He found spore bags on the underside of its leaves.

Based on the diagram, which of the following represents this plant?

(1) E
(2) F
(3) G
(4) H

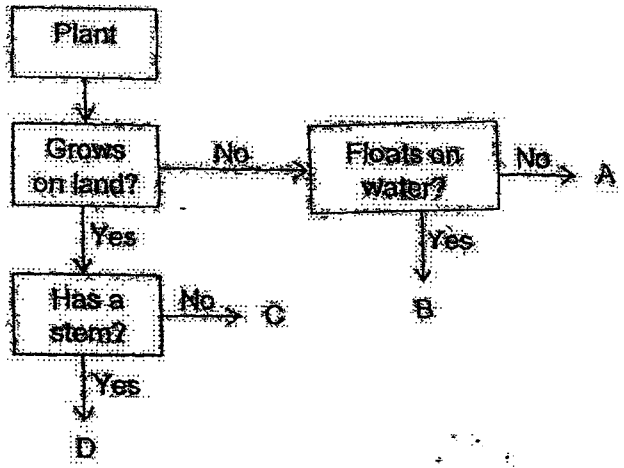
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2 The diagram below shows a water plant.



Study the diagram below.



Which of the following represents the water plant?

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

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3 The table below shows the characteristics of animals P and Q.
A tick (✓) shows the presence of the characteristic.

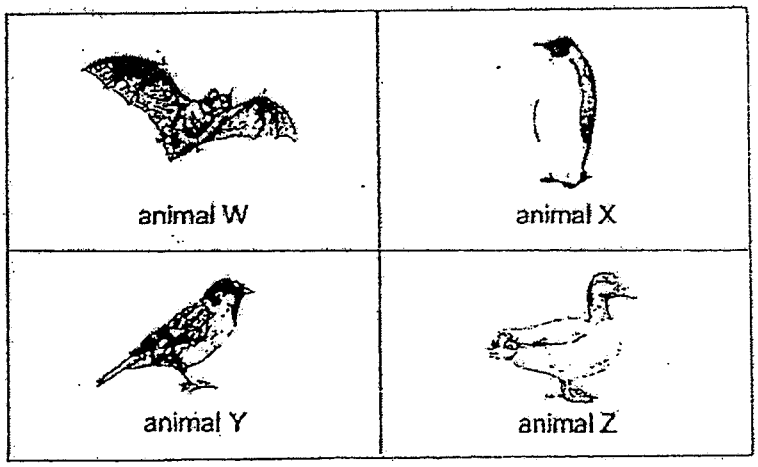
Characteristics	P	Q
has dry scaly skin	✓	
can live both on land and in water	✓	
females produce milk for young		✓

Which of the following best represents animals P and Q?

	P	Q
(1)	reptile	amphibian
(2)	reptile	mammal
(3)	amphibian	reptile
(4)	amphibian	mammal

( )

4 The animals below are grouped according to one common characteristic.



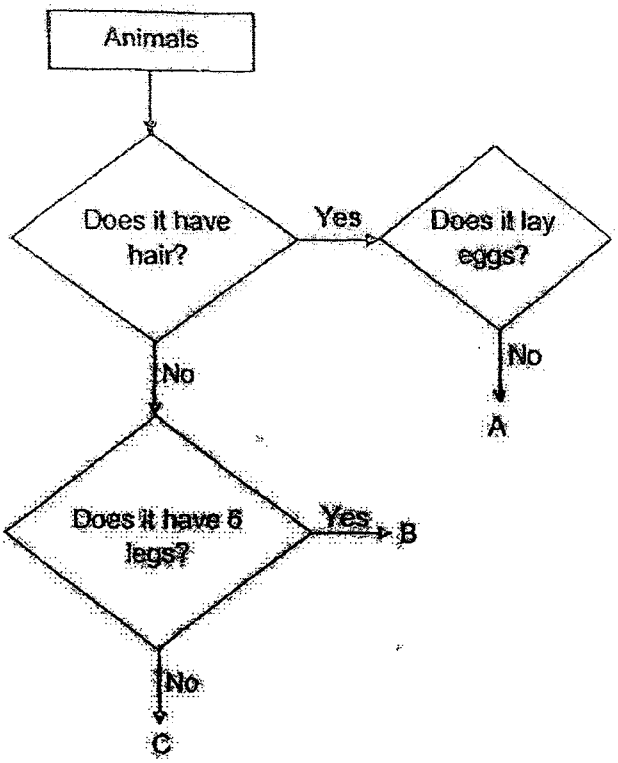
Based on the diagram above, which animal does not belong to the group?

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

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5 Study the diagram below.



Which animal groups correctly represent A, B and C?

	A	B	C
(1)	amphibian	fish	bird
(2)	mammal	insect	fish
(3)	fish	amphibian	bird
(4)	insect	mammal	fish

( )

6 Which statement about bacteria is not correct?

(1) Some bacteria are harmful.
(2) Bacteria come in different shapes.
(3) Bacteria feed only on dead living things.
(4) Bacteria cannot be seen with the naked eyes.

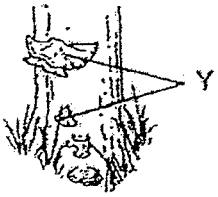
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7 The diagram below shows two living things.



X



How are X and Y similar?

A Both reproduce by spores.

B Both are non-flowering plants.

C Both can make their own food.

D Both need air, food and water to survive.

(1) A and D only

(2) B and C only

(3) A, B and D only

(4) A, B, C and D ( )

8 The diagram below shows a boy using a swimming board.



Which material and its given property should be considered to make the swimming board?

	Material	Property
(1)	A	It is flexible.
(2)	B	It is absorbent.
(3)	C	It is able to float.
(4)	D	It allows light to pass through.

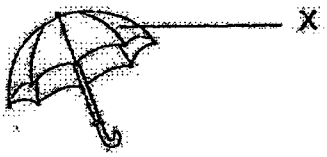
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9 Study the table below.

Materials	Transparent	Waterproof	Flexible
A	No	No	No
B	No	No	Yes
C	Yes	Yes	No
D	Yes	Yes	Yes

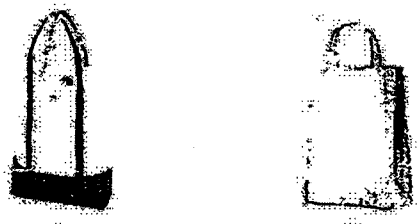
Which material, A, B, C or D, is most suitable to make part X of an umbrella?



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

( )

10 Jacinta wanted to find out which bag, A or B, is more suitable for carrying canned food from the supermarket without tearing.



A B

What should she do to find out which bag is more suitable?

(1) Put both bags in water.
(2) Bend both bags slowly.
(3) Shine a light at the bags.
(4) Put canned food into both bags.

( )

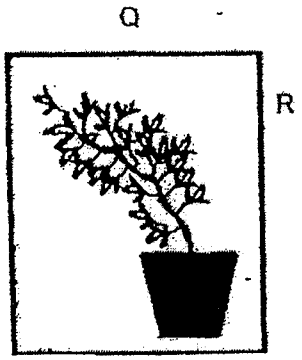
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Section B (10 marks)

For questions 11 to 14, write your answers in this booklet.

The number of marks available is shown in brackets [ ] at the end of each question or part question. (10 marks)

11 Muthu placed a plant in a cardboard box which had a hole in it. After 5 days, he realised that the plant had grown as shown in the diagram below.



(a) Based on how the plant has grown, which part, P, Q or R, could the hole most likely be located? [1]

_____

(b) If the hole was covered with a piece of black paper, what would happen to the plant after one month? [1]

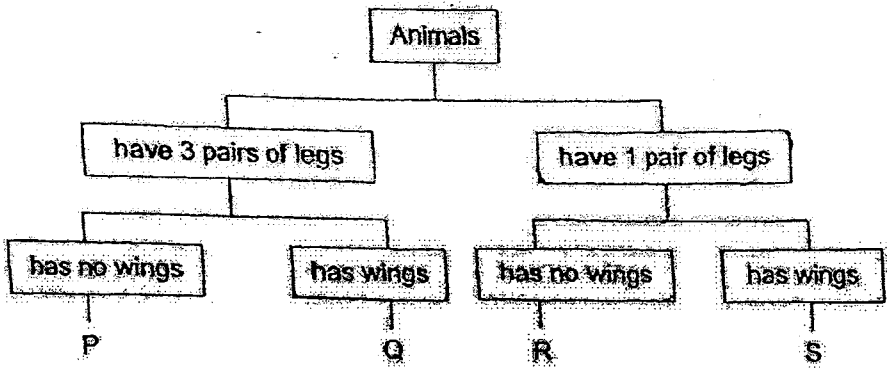
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SCORE	/ 2

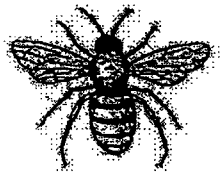
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12 Study the diagram below.



(a) Based on the diagram above, describe animal R. [1]

(b) The diagram below shows animal W.



Which letter, P, Q, R or S, in the diagram above best represents animal W? [1]

(c) (i) Which group of animals does animal W belong to? [1]

(ii) Apart from the characteristics shown in the diagram above, state one other characteristic to support your answer. [1]

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SCORE 3

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13 Jun Hao left an orange on the table as shown in the diagram below. After a few weeks, he noticed living thing X growing on it.



orange at the start



orange a few weeks later

(a) Based on the diagram, which group of living things does X belong to? [1]

_____

(b) Based on your answer in (a), what does X feed on? [1]

_____

(c) How does X reproduce? [1]

_____

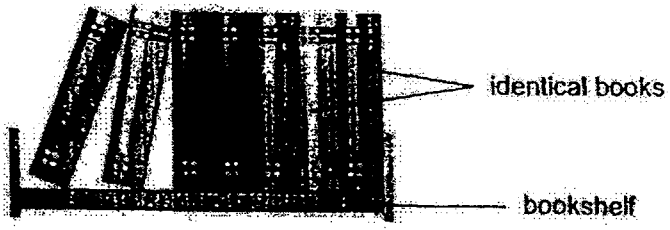
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SCORE	/ 3

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14 Jason wanted to find out which material, A, B, C or D, is most suitable to make a bookshelf.

He placed identical books on four similar bookshelves made of materials A, B, C and D until the bookshelf broke.



He recorded his observation in the table below.

Material	A	B	C	D
Maximum number of identical books needed to break the shelf	15	12		5

(a) Based on the result above, which is the most suitable material to make the bookshelf? [1]

_____

(b) Explain your answer in (a). [1]

_____

_____

End of Paper

SCORE	2

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SCHOOL : CATHOLIC HIGH SCHOOL
LEVEL : PRIMARY 3
SUBJECT : SCIENCE
TERM : WEIGHTED ASSESSMENT 1

BOOKLET A

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
3	2	2	1	2	3	1	3	4	4

BOOKLET B

Q11	a) The hole is most likely located at part P. b) The plant will die as there is no sunlight.
Q12	a) Animal R has no wing and only have one pair of legs. b) Q c) i) Animal W belong to the group insect. ii) Animal W has 3 pair of legs.
Q13	a) Fungi b) It feeds on living things both dead and alive c) By spores
Q14	a) Material C b) Material C can hold the most number of books before it breaks. This shows that material C is the strongest material.

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