HENRY PARK PRIMARY SCHOOL

FIRST SEMESTRAL ASSESSMENT 2019

PRIMARY 3

SCIENCE

SECTION A (30 MARKS)

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. Shade your answers on the Optical Answer Sheet (OAS) provided.

Name: _____ ( )

Class: Primary 3 ( )

Date: 22 May 2019

Total Time : 1 h 30 min

Section	Marks
A	/ 30
B	/ 8
C	/ 12
Total (A+B+C)	/ 50

Parent's Signature: _____

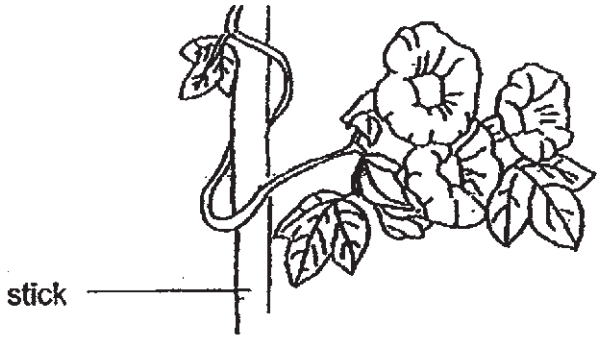
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Section A : (15 x 2 marks = 30 marks)

For each question from 1 to 15, 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.

1. Look at the plant shown below.



Based on the diagram given, which statement(s) about the plant is/are correct?

A : It has leaves.
B : It is a flowering plant.
C : It reproduces by spores.

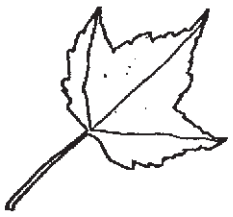
(1) A only
(2) B only
(3) A and B only
(4) B and C only

( )

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2. Four leaves were classified as shown in the diagrams below.

A	B	C	D
			

Look at leaf X as shown below.



leaf X

In which group, A, B, C or D, should leaf X be placed?

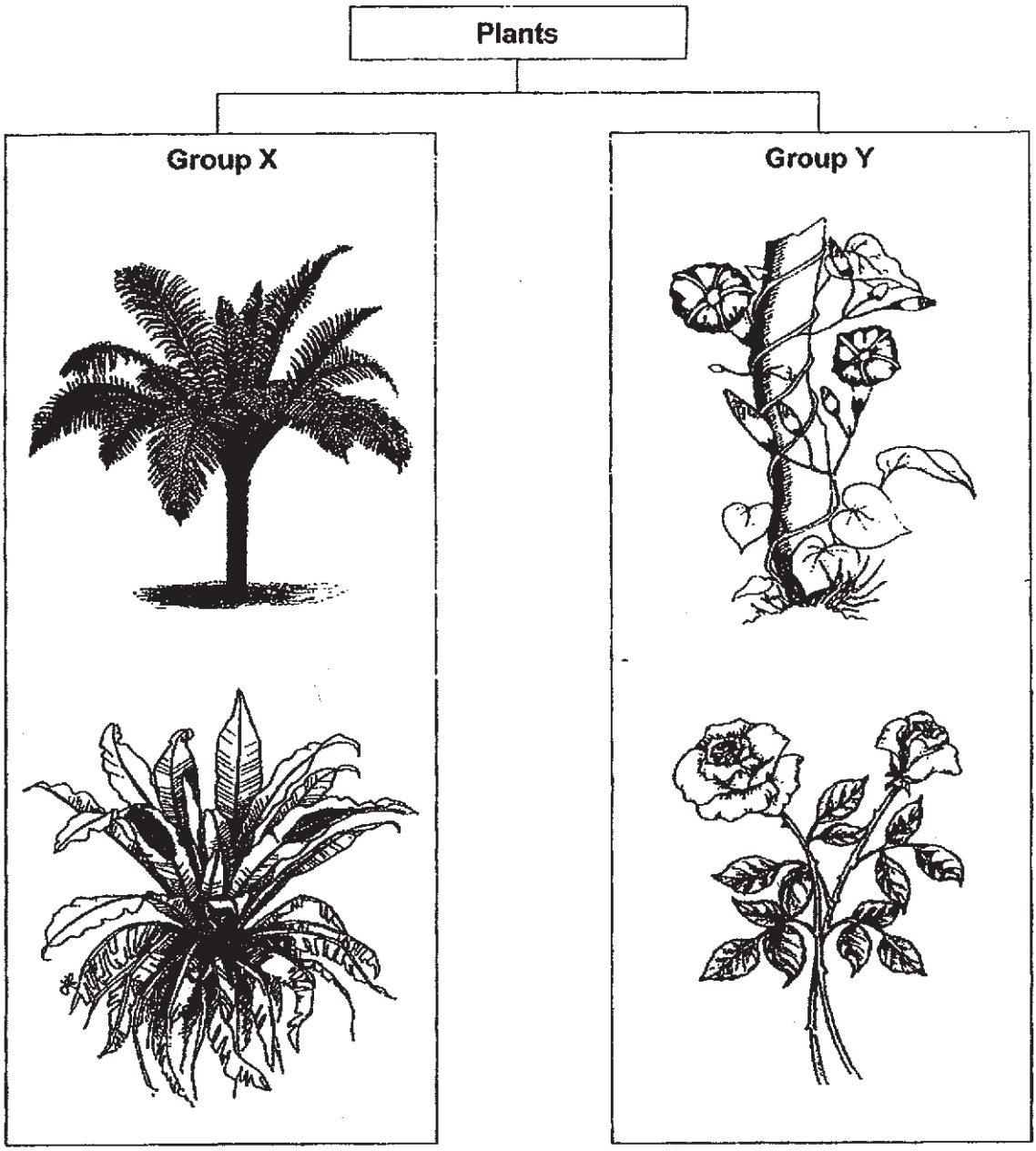
(1) A
(2) B
(3) C
(4) D

( )

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3. Study the classification table below carefully.



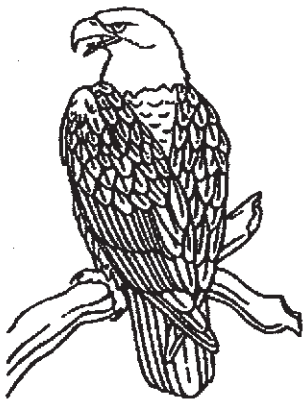
How have the plants been classified?

	Group X	Group Y
(1)	reproduce from seeds	reproduce from spores
(2)	non-flowering plants	flowering plants
(3)	plants that grow on land	plants that grow in water
(4)	feeds on other living things	able to make its own food

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4. Joe observed the animal shown below.



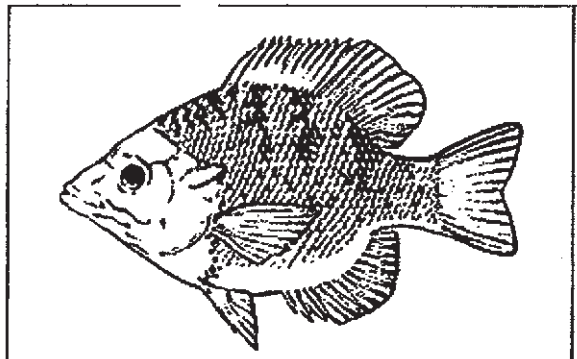
Based on the diagram given, which of the characteristic(s) is/are found in birds, but **not** in other animals?

A : It has a tail.
B : It has wings.
C : It has feathers as outer covering.

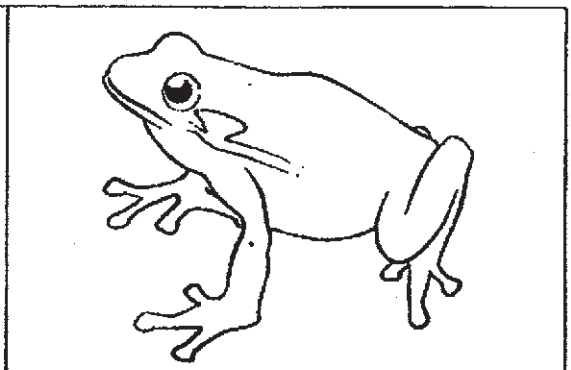
(1) B only
(2) C only
(3) A and C only
(4) B and C only

( )

5. The diagrams show two animals, A and B.



animal A



animal B

Which one of the following statements is correct?

(1) Both animals live on land.
(2) Both animals reproduce by laying eggs.
(3) Both animals only need water to survive.
(4) Both animals have the same outer covering.

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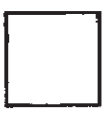
6. Study the table below carefully. A tick (✓) indicates that the characteristic is observed.

Animal	Characteristics		
	Reproduces by laying eggs	Has wings	Has scales as outer covering
A	✓	✓	
B	✓		✓

Based on the table, what can animals A and B be?

	Animal A	Animal B
(1)	dog	frog
(2)	bat	turtle
(3)	chicken	beetle
(4)	butterfly	snake

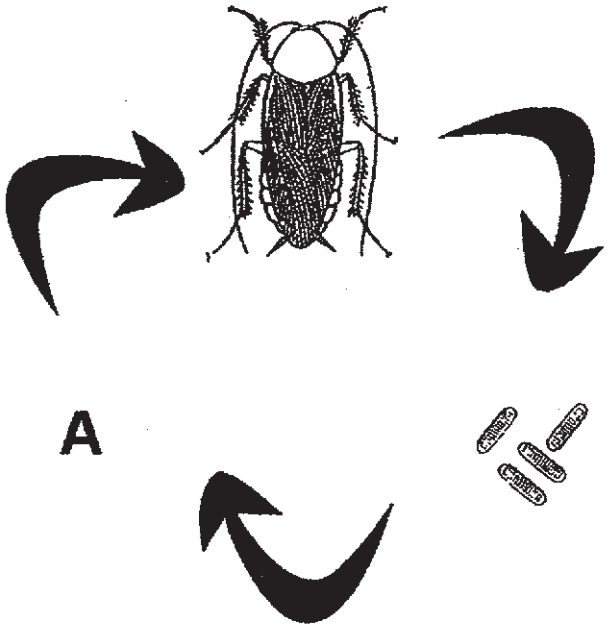
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7. The diagram below shows the life cycle of animal W.



Which one of the following correctly describes animal W at stage A?

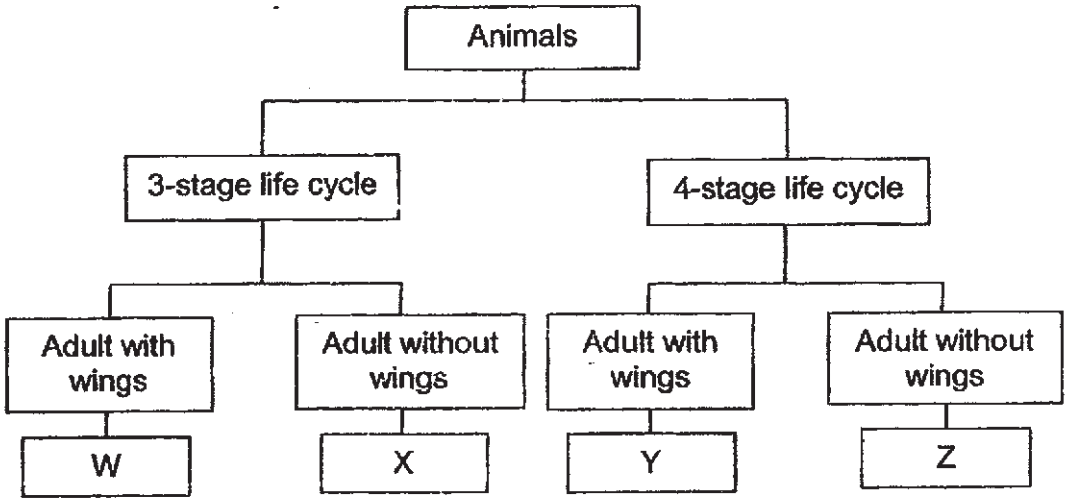
(1) Animal W does not eat at all.
(2) Animal W does not have wings.
(3) Animal W does not move around.
(4) Animal W does not respond to changes.

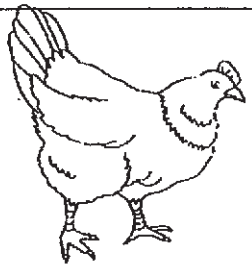
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8. Study the classification table below.



Animal C		Animal D	
			
young	adult	young	adult

Which group, W, X, Y or Z, do animals C and D belong to?

	Animal C	Animal D
(1)	X	W
(2)	W	Y
(3)	Z	Y
(4)	Z	X

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9. The diagram below show a tadpole and an adult frog.



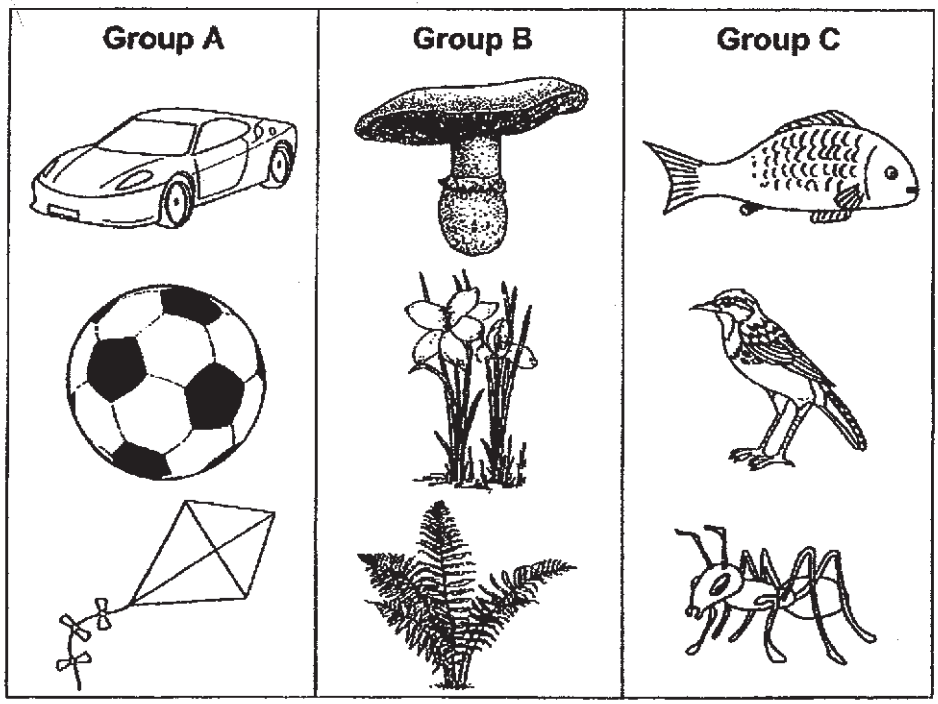
tadpole adult frog

Which characteristic of living things does the diagram show?

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

( )

10. Study the things classified into 3 groups as shown below.



Which of the following statements is correct?

(1) Things in group C need air to stay alive.
(2) Things in group B can make their own food.
(3) Things in group A can move on their own.
(4) Things in both groups A and B can respond to changes.

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11. Which of the following are similarities between plants and animals?

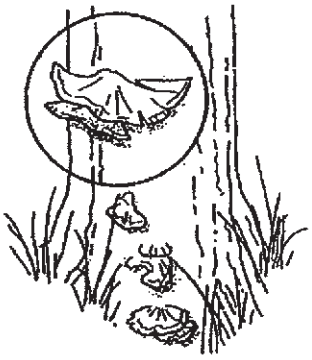
A: Both make their own food.
B: Both move by themselves.
C: Both need air, food and water.

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

( )

12. Which one of the following **cannot** be classified as fungi?

(1)



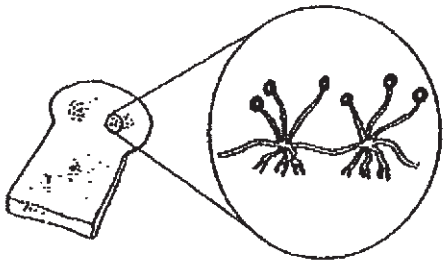
(2)



(3)



(4)



( )

13. Which of the following statement(s) about bacteria is / are correct?

A : Bacteria need air to live.
B : Bacteria are micro-organisms.
C : Bacteria can be found in our bodies.

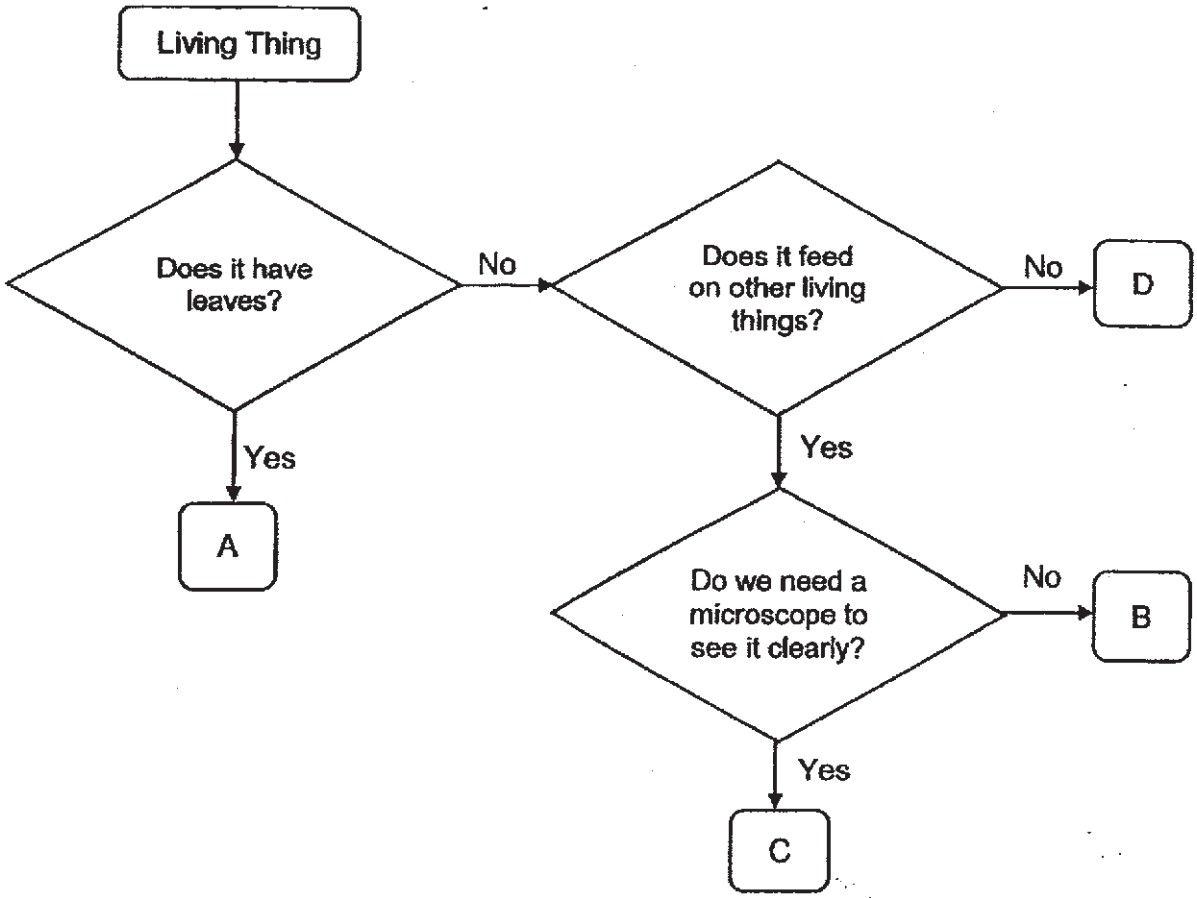
(1) A only
(2) A and B only
(3) B and C only
(4) A, B and C

( )

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14. The diagram below shows how some living things are classified.



Which of the following letters, A, B, C or D represents the correct living thing?

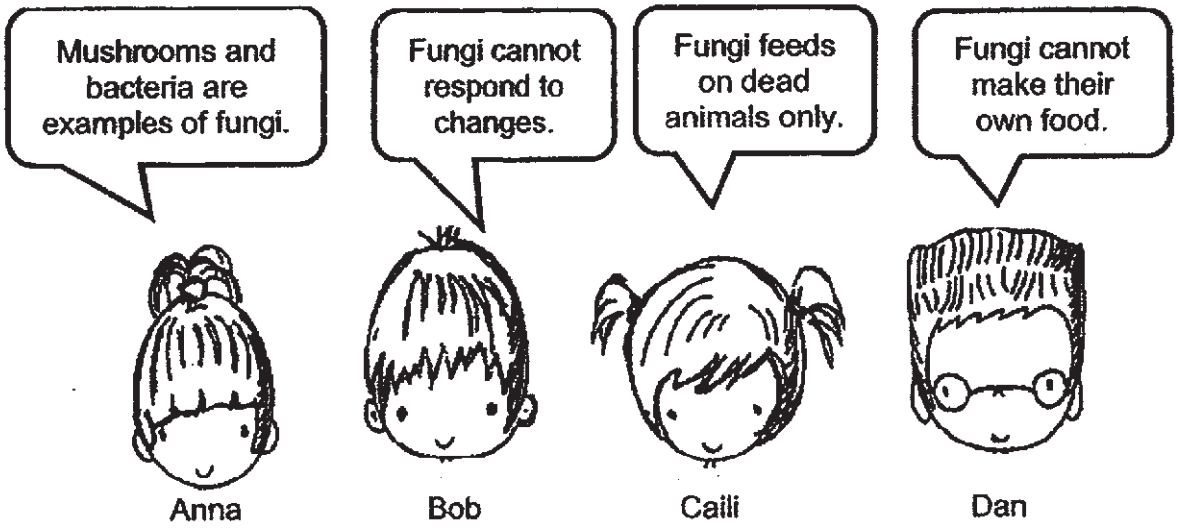
	Letter	Living Thing
(1)	A	mushroom
(2)	B	fern
(3)	C	bacteria
(4)	D	bird

( )

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15. Four pupils made the following statements about fungi.



Which of the following pupils made a correct statement?

(1) Anna
(2) Bob
(3) Caili
(4) Dan

( )

End of Section A

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HENRY PARK PRIMARY SCHOOL

FIRST SEMESTRAL ASSESSMENT 2019

PRIMARY 3

SCIENCE

SECTION B & C (20 MARKS)

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.

Name: _____ ( )

Class: Primary 3 ( )

Date: 22 May 2019

Total Time : 1 h 30 min

Marks for Sections B & C : _____

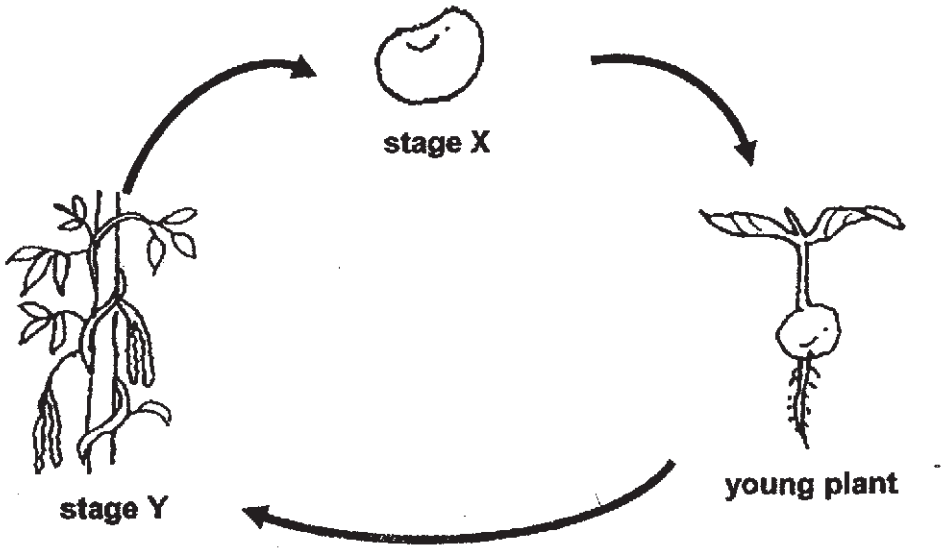
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Section B : (4 x 2 marks = 8 marks)

Write your answers to questions 16 to 19 in the spaces given. Each question is 2 marks.

16. The diagram below shows the life cycle of a plant.



a) Name the stages, **X** and **Y**. [1]

Stage X : _____

Stage Y : _____

b) At which stage, X or Y, will the plant be able to reproduce? [1]

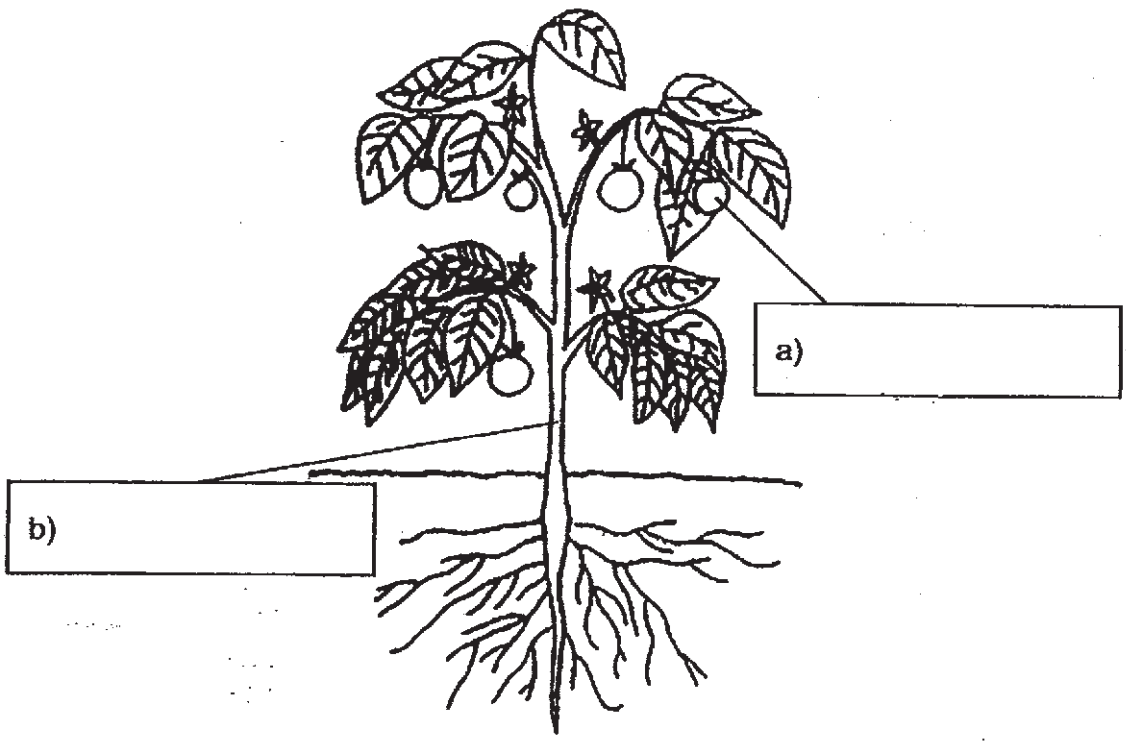
Stage _____

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17. The diagram below shows a plant.
Fill in the boxes with the correct helping words given below. [2]

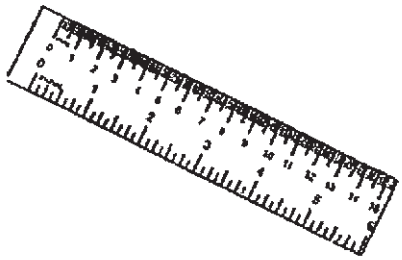
roots	leaf	fruit	flower	stem



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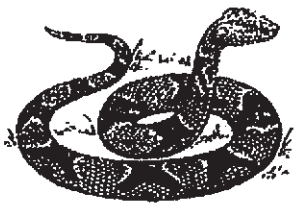
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18. Study the diagrams below.

	
ruler	doll
	
dead leaves	spider

a) Which one of the above is a living thing? [1]

b) Look at the animal shown in the diagram below. [1]



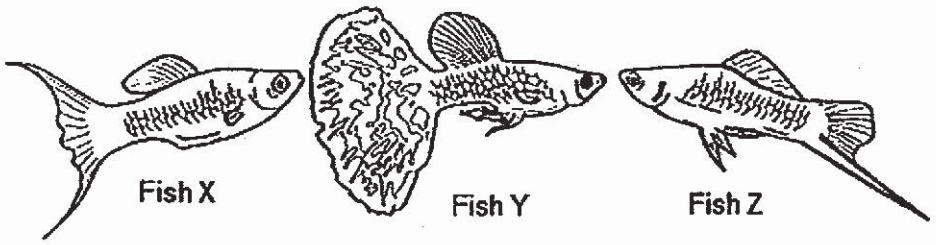
Which animal group does the animal belong to? Put a tick (✓) in the correct box.

	Animal	Put a tick (✓) in the correct box
i)	an amphibian	
ii)	a mammal	
iii)	a reptile	

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19. The picture shows three different types of fish that live in a pond.



Study the following statements on the three types of fish. [2]

Put a tick (✓) in the boxes with the correct statements.

	Statements	Put a tick (✓) in the correct box
i)	They have fins.	
ii)	They are covered with scales.	
iii)	They breathe through their moist skin in the water.	

End of Section B

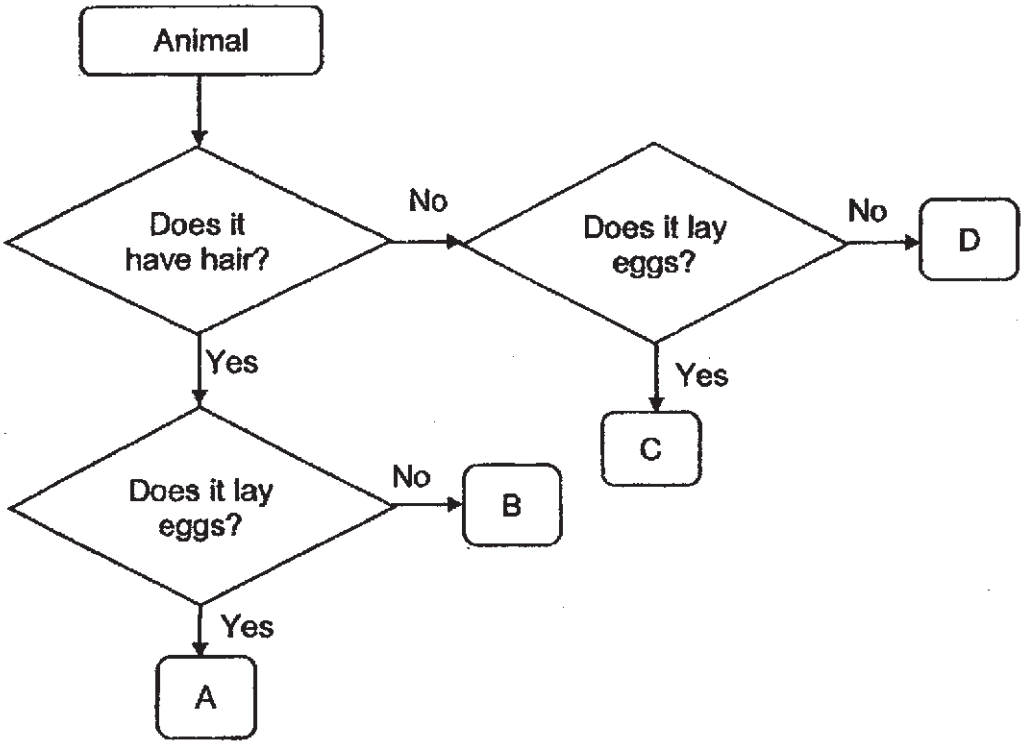
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Section C : (12 marks)

Write your answers to questions 20 to 23 in the spaces given. Each question carries 2 to 4 marks.

20. Study the flowchart below carefully.



The letters A, B, C and D represent four different animals.

a) Which letter A, B, C or D represents a turtle?

Turtle : _____ [1]

b) Based on the flowchart, state **two** characteristics of animal A. [2]

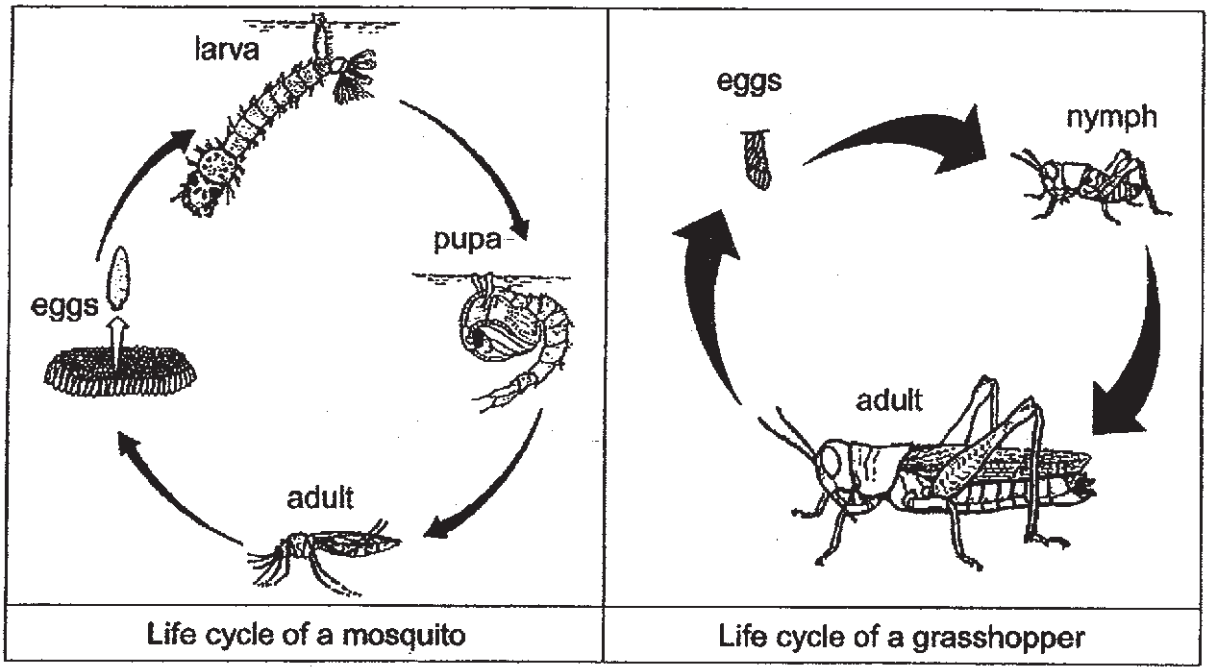
(i) _____

(ii) _____

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21. Study the life cycles of the mosquito and the grasshopper, shown below.



a) Based on the diagrams given, state two **differences** between the two life cycles shown above. [2]

(i) _____

(ii) _____

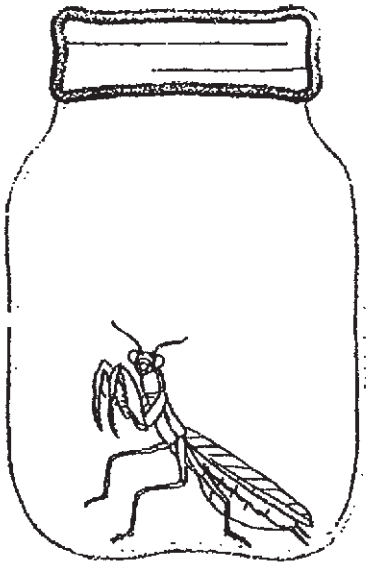
b) Based on the diagrams given, state one **similarity** between the two life cycles shown above. [1]

_____

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22. Alan caught insect Y and kept it inside a jar. He closed the jar with a lid.



a) Alan's mother told him that he should make some holes in the lid to keep it alive.

Explain why his mother is correct. [1]

_____

_____

b) State **another** condition needed for insect Y to stay alive. [1]

_____

c) State two characteristics that insects have in common. [1]

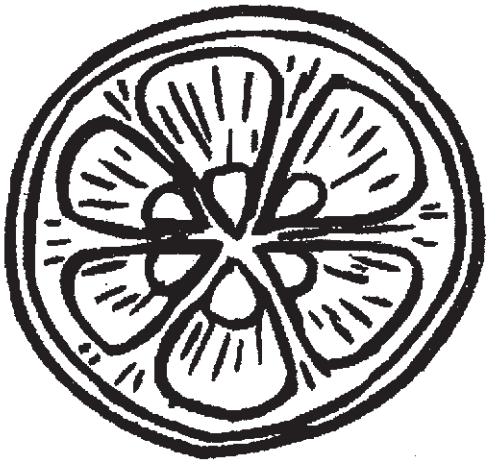
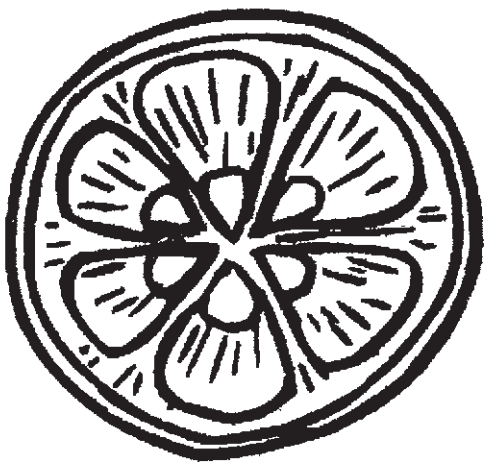
(i) _____

(ii) _____

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23. William had 2 sliced oranges, A and B. He placed the oranges at 2 different places.

	
Sliced orange A (Placed under the sun until it became dry)	Sliced orange B (Kept on the dining table)

a) Which sliced orange, A or B, is he most likely to find mould growing on? [1]

_____

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

_____

_____

c) How does mould reproduce? [1]

_____

End of Section C

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LEVEL : PRIMARY 3
SUBJECT : SCIENCE
TERM : 2019 SA1

SECTION A

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

Q 11	Q12	Q13	Q14	Q15
3	3	4	3	4

SECTION B

Q16)

a)Stage X : Seed

Stage Y :Adult plant

b)Stage Y

Q17)

a)fruit

b)stem

Q18)

'he spider is a living thing.

b)

iii)	a reptile	✓

Q19)

i)	They have fins	✓
ii)	They are covered with scales	✓

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Q20)	a)Turtle : C b)i)Animal A has hair. ii)Animal A lay eggs .
Q21)	ai)The life cycle of the mosquito has 4 stage but life cycle of the grasshopper has 3 stage. ii)The larva and papa are absent in the life cycle of the grasshopper but present in the life cycle of the mosquito. b)They both start their life cycle with an egg and end with an adult.
Q22)	a)The insect needs air to stay alive so the holes in the lid allow the air to enter the jar. b)food ci)They have six legs. ii)They have a pair of feelers.
Q23)	a) Orange B b)There is moisture on slice B , mould needs moisture to grow. c)Mould reproduce by spores.

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