



PEI HWA PRESBYTERIAN PRIMARY SCHOOL
Mini Test 1

PRIMARY 3
SCIENCE
1st March 2018

Name: _____ ()

Class: Primary 3 Responsibility _____

Parent's Signature

Total time: 30 mins

INSTRUCTIONS TO CANDIDATES

1. Write your Name, Class and Index No. at the spaces provided above.
2. DO NOT turn over the page until you are told to do so.
3. Follow all instructions carefully.
4. Answer all questions in this question booklet.

FOR TEACHER'S USE

Marks (Section A) :	12
Marks (Section B) :	8
Total Marks (Sections A & B) :	20

There are a total of 9 pages in this booklet, excluding the cover page.

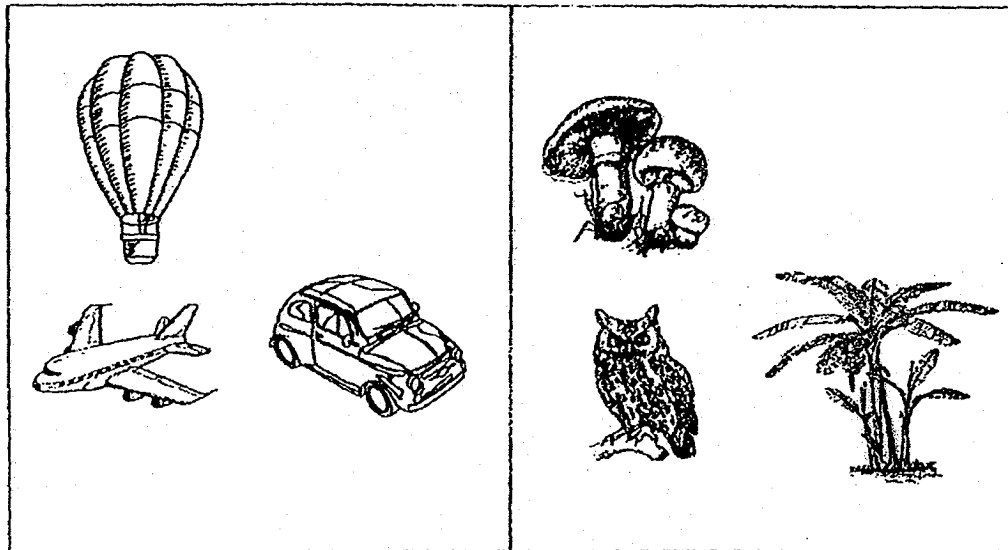
For each question, from 1 to 6, four options are given. One of them is correct. Make your choice and write your answer (1, 2, 3, or 4) in the brackets provided.

[12 Marks]

1 Study the two groups of things below carefully.

Group A

Group B



How are the things in Group A different from the things in Group B?

	Group A	Group B
(1)	Alive	Not alive
(2)	Respond to changes	Do not respond to changes
(3)	Move from one place to another	Do not move from one place to another
(4)	Do not reproduce	Can reproduce

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- 2 The table below records the mass and height of a boy for the past four years.

Year	Mass/kg	Height/cm
1996	28	130
1997	32	133
1998	34	135
1999	36	139

What characteristic of living things can be used to explain the results in the table?

- (1) Living things grow.
- (2) Living things reproduce.
- (3) Living things need air, food and water.
- (4) Living things move from one place to another.

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- 3 Below are some characteristics of living thing X.

- It makes its own food.
- It produces fruits during certain time of the year.
- It does not move from place to place as it grows.

Which main group of living things does living thing X belong to?

- (1) Fungi
- (2) Plants
- (3) Bacteria
- (4) Animals

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4 The table below consists of plants which have been classified into two groups.

Group P



Morning glory plant



Orchid

Group Q



Bird's nest fern



Moss on a rock

What sub-heading is Group P and Group Q most likely to be?

	Group P	Group Q
(1)	Flowering Plants	Fungi
(2)	Fungi	Flowering Plants
(3)	Non-Flowering Plants	Flowering Plants
(4)	Flowering Plants	Non-Flowering Plants

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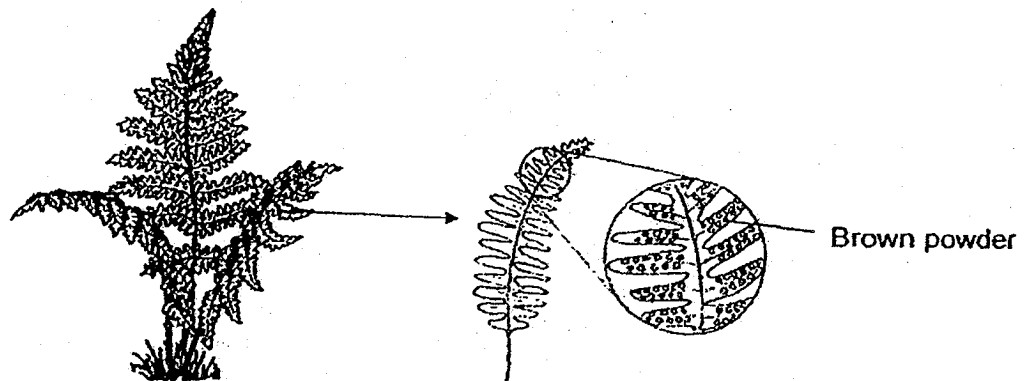
5 Flowering plants can be classified based on their _____.

- (A) spores
- (B) leaves
- (C) flowers
- (D) Roots

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

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6. James saw some brown powder on the undersides of this leaf of a non-flowering plant.



What is the brown powder most likely to be?

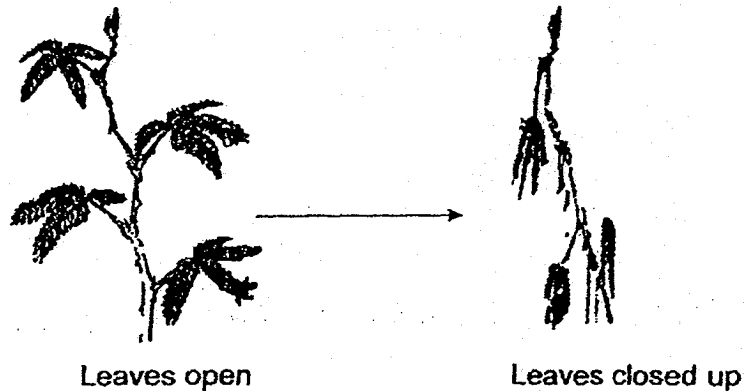
- (1) They are mould.
- (2) They are spores.
- (3) They are bacteria.
- (4) They are stored food.

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For questions 7 to 10, write your answers in this booklet.

The number of marks available is shown in brackets [] at the end of each question or part question. [8 Marks]

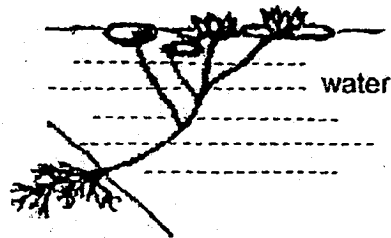
- 7 Kent and James were walking in the garden and they brushed onto some leaves on the ground. All the leaves closed up suddenly.



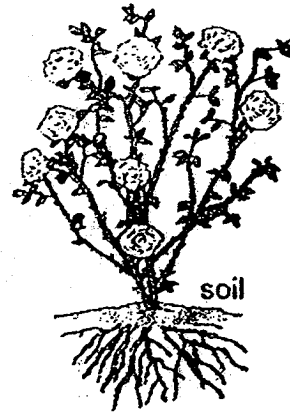
- (a) Which characteristic of living thing did the above plant show? [1]

- (b) A robot cleaner moved around the house and cleaned up the place. James concluded that it is a living thing since it can move from place to place. Do you agree with him? Why or why not? [1]

8 Study the two plants shown below.



Plant P



Plant Q

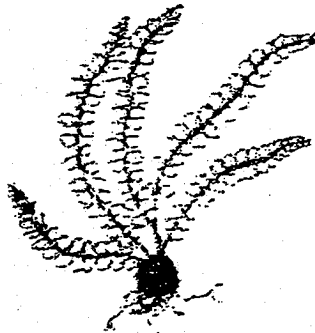
- (a) Based on the diagram above, state one similarity in the physical characteristic of Plant P and Plant Q. [1]

Similarity: _____

- (b) Based on the diagram above, state one difference in the physical characteristic of Plant P and Plant Q. (Do not compare size, shape and colour) [1]

Difference: _____

9 Study the two plants below carefully.



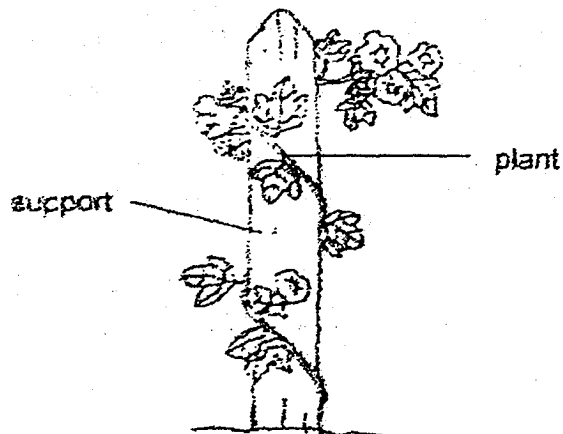
Fern



Strawberry plant

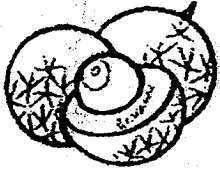
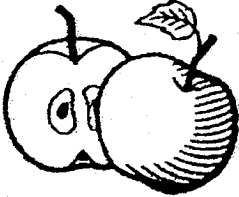
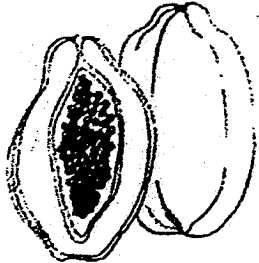
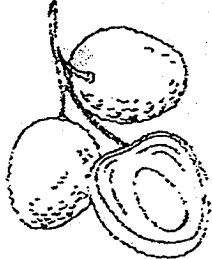
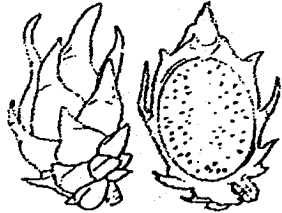
(a) State one difference between the fern and the strawberry plant in terms of the way they produce. [1]

(b) The diagram below shows a plant growing on a support.



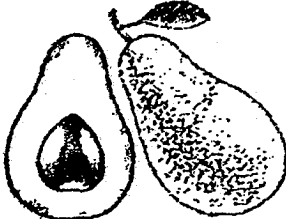
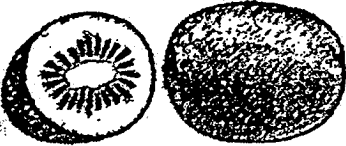
Give a reason why the plant needs to grow on a support as shown above. [1]

- 10 The following classification table shows how some fruits are classified based on the number of seeds they have.

Group A	Group B	Group C
 Longan	 Apple	 Papaya
 Lychee	 Pear	 Dragonfruit

- (a) Which group, A, B, or C, can the following fruits be placed in?

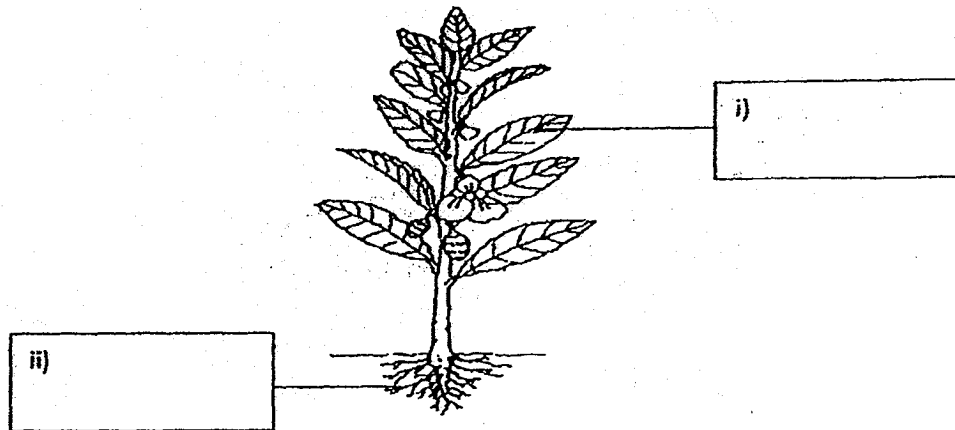
[1]

	Fruit	Group
(i)		
(ii)		

Question 10 continues on page 9

(b) Label the plant parts of the plant in the diagram below.

[1]



End of paper

EXAM PAPER 2018 (P3)

SCHOOL : PEI HWA

SUBJECT : SCIENCE

TERM : CA1

Q1	Q2	Q3	Q4	Q5	Q6
4	1	2	4	3	2

Q7) a) The plant respond to changes.

b) No. The robot does not need air, food and water.

Q8) a) They bear flowers

b) Plant P live in water but Plant Q live on land.

Q9) a) The fern reproduce by spores but the strawberry plan reproduce by strawberry seeds.

b) The plant has a weak stem, so it needs to cling or its support. It has weak stem.

Q10) a) i) Group A

ii) Group C

b) i) leaf

ii) roots

