



Marks	
Section A:	/10
Section B:	/10
Total:	/20

Name: _____ ()

Class: Primary 3/ _____

Date: _____

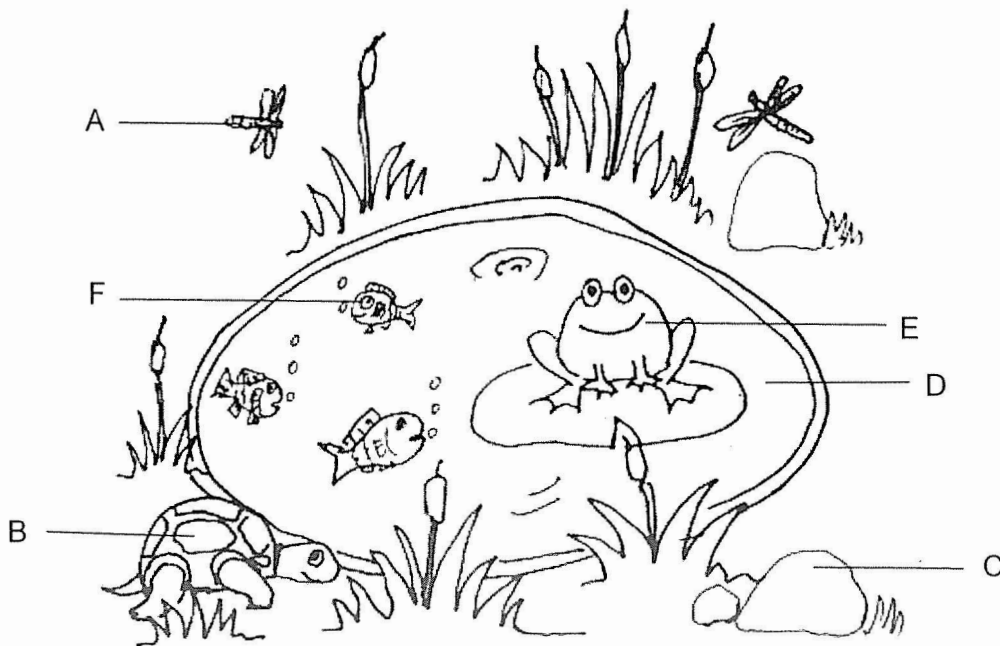
Duration: 30 minutes

Answer all questions.

Section A: (5 x 2 marks = 10 marks)

For each question from 1 to 5, four options are given. One of them is the correct answer. Make your choice (1, 2, 3 or 4) and write your answer in the brackets provided.

1 The picture below shows 6 things, A to F.

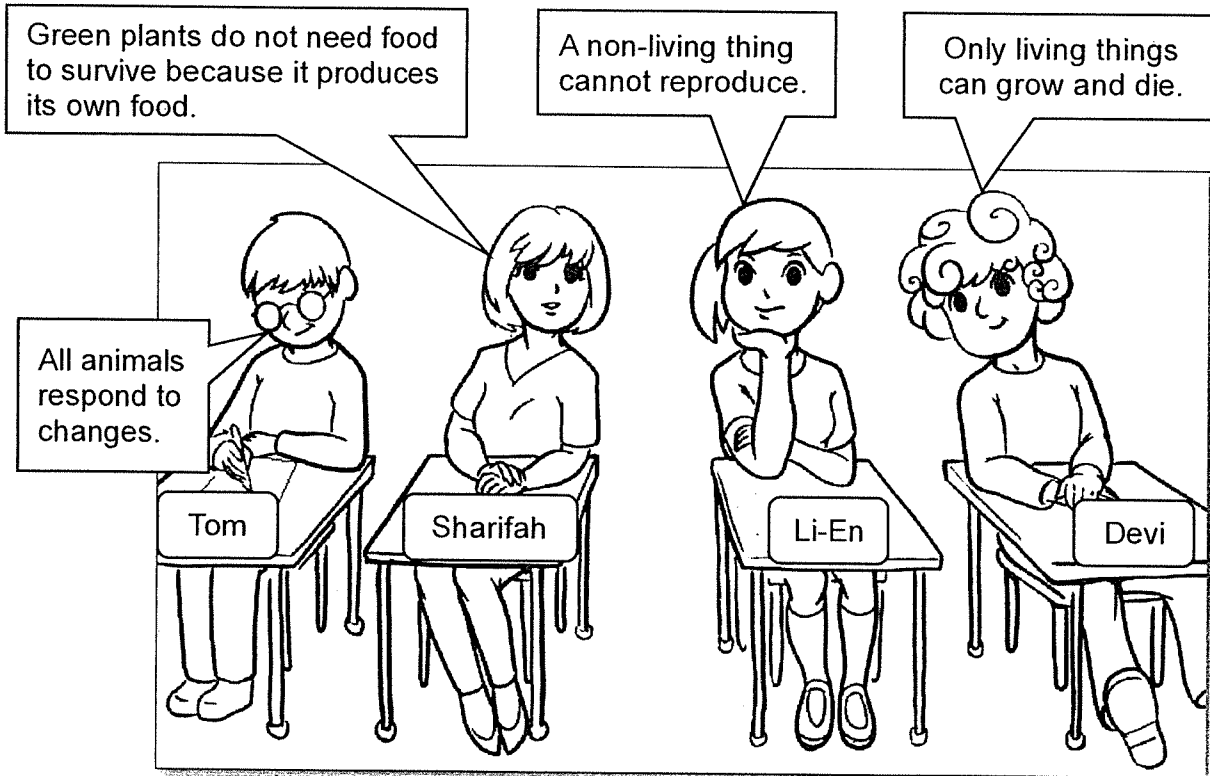


Which of the following shows the correct classification of things A to F?

	Living things	Non-living things
(1)	E and F	A, B, C and D
(2)	A, B and C	D, E and F
(3)	A, B, E and F	C and D
(4)	B, D, E and F	A and C

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2 Four pupils made the following statements about living and non-living things.

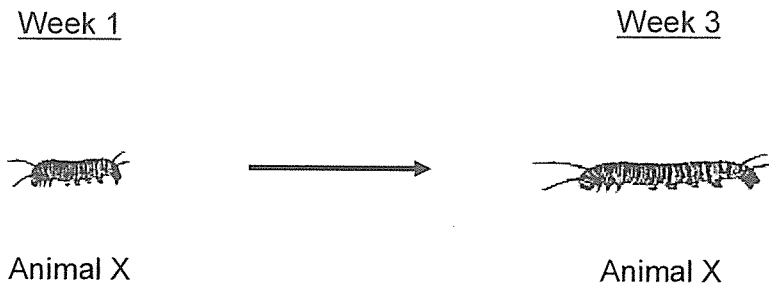


Which pupil has made a **wrong** statement?

- (1) Tom
- (2) Devi
- (3) Li-En
- (4) Sharifah

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- 3 Bala fed animal X with fresh leaves daily and recorded down its length over 3 weeks.



Which of the following tables correctly shows the growth of animal X over 3 weeks?

(1)

Week	Length
1	4 cm
2	3 cm
3	2 cm

(2)

Week	Length
1	2 cm
2	3 cm
3	4 cm

(3)

Week	Length
1	3 cm
2	3 cm
3	3 cm

(4)

Week	Length
1	4 cm
2	3 cm
3	4 cm

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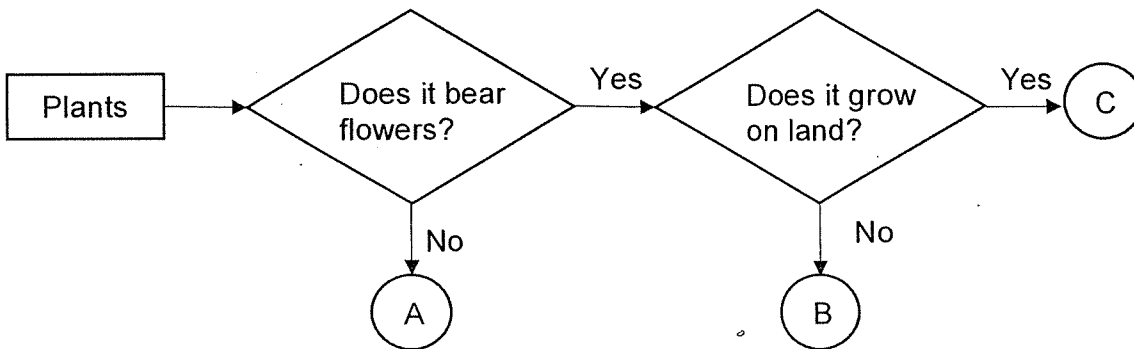
4 Animal E has the following characteristics:

- Has wings
- Has 3 body parts
- Has hard outer body covering

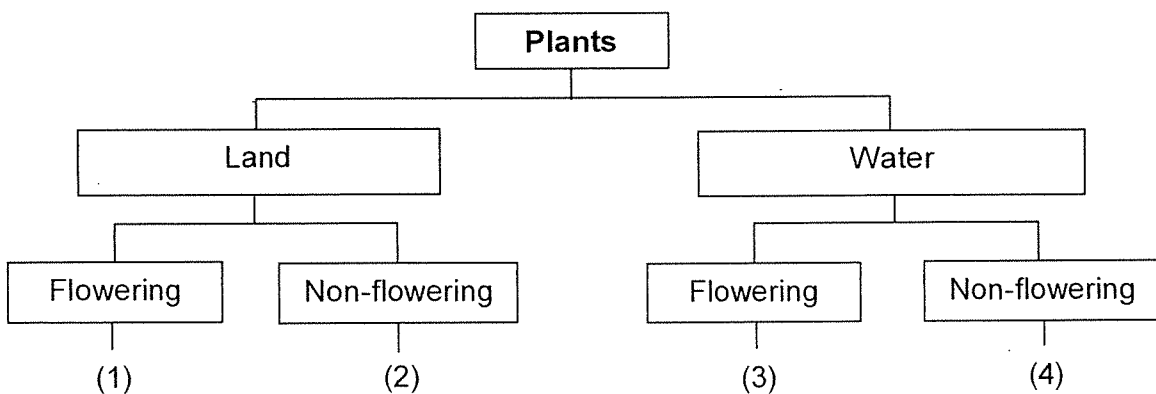
Based on the information above, which animal group does animal E belong to?

- (1) Insects
 - (2) Reptiles
 - (3) Mammals
 - (4) Amphibians
- ()

5 Study the flowchart below.



Which number, 1, 2, 3 or 4, from the classification diagram below, represents plant B?



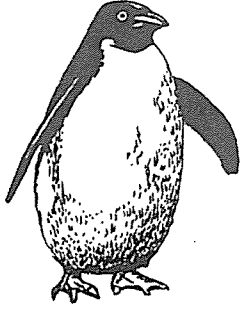

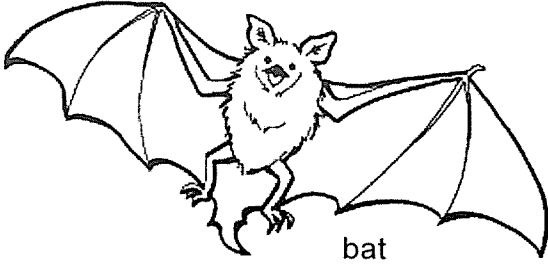
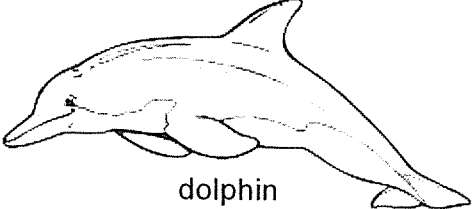
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Total marks for section A	10
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Section B: Structured questions (10m)

For questions 6 to 8, write your answers in the space provided. The number of marks available is shown in brackets [] at the end of each question or part question.

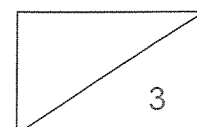
6 Study the classification table below.

P	Q
 <p data-bbox="373 757 485 792">penguin</p>	 <p data-bbox="1193 533 1299 568">squirrel</p>  <p data-bbox="1098 904 1145 940">bat</p>  <p data-bbox="970 1173 1075 1209">dolphin</p>

(a) The animal in group P reproduces by _____ but the animals in group Q reproduce by _____. [1m]

(b) Wati regrouped the 4 animals based on **another** characteristic **observed** from the diagram. She moved the bat over to group P. Explain why. [1m]

(c) Wati wanted to classify a frog into group Q based on its breathing method. Do you agree with her? Explain your answer. [1m]



- 7 Study the table below. A tick (✓) means the animal has that characteristic and a cross (×) means it does not have that characteristic.

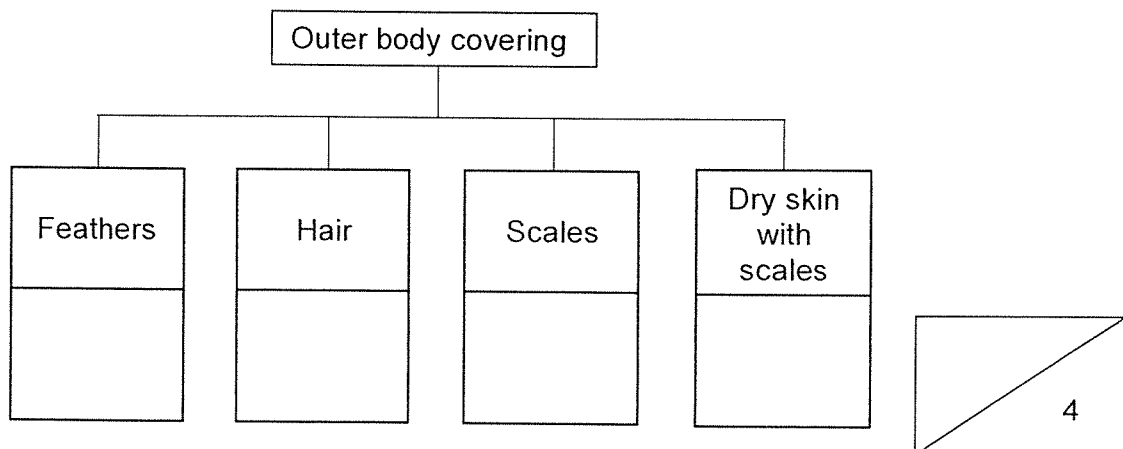
Animal	Lays eggs	Has a beak	Breathe through gills
A	✓	×	✓
B	✓	×	×
C	✓	✓	×
D	×	×	×

- (a) Based only on the information from the table, state a difference between animal B and C. [1m]
-

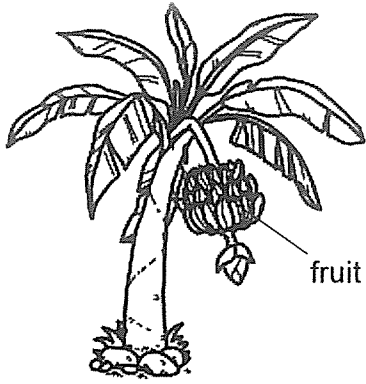
- (b) Based on the table above, place the letters, A, B, C and D, into the correct animal group. [2m]

Animal	Animal group
	fish
	birds
	reptiles
	mammals

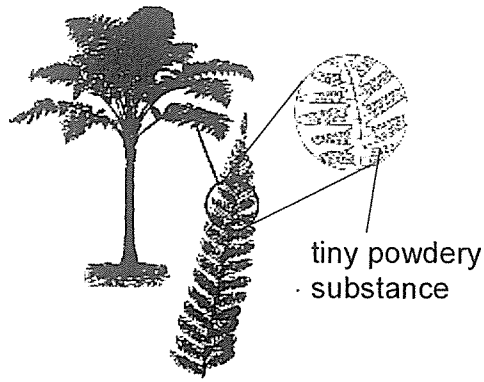
- (c) Meiling wanted to regroup the four animals based on their outer body covering. Place the letters, A, B, C and D, into the correct boxes below. [1m]



8 Study the pictures of the two plants below.



Banana plant



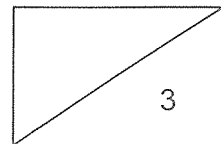
Tree Fern

(a) Based on the diagrams above, state one observable **similarity** between the two plants. [1m]

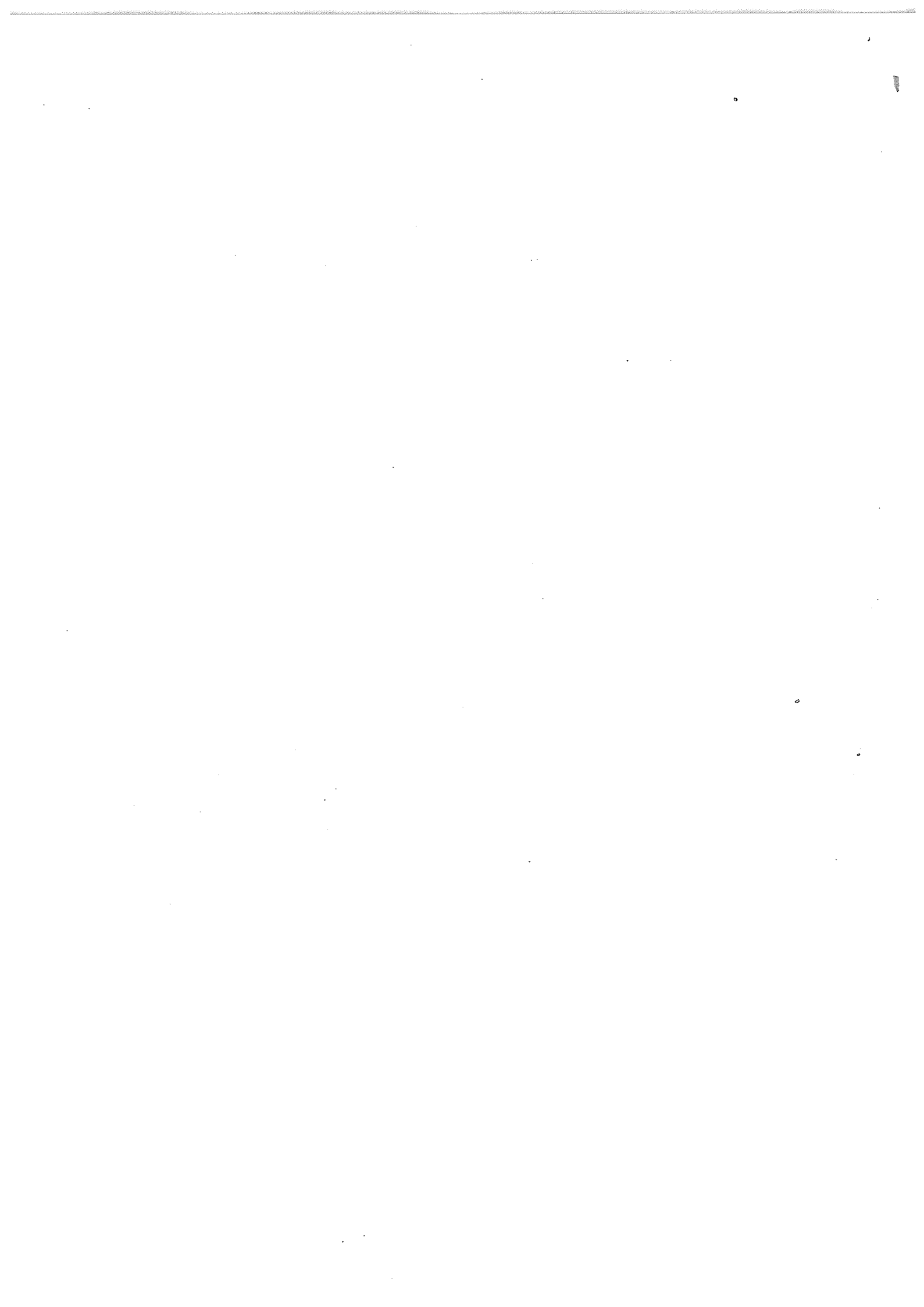
(b) Darren noticed that the tree fern has tiny powdery substances on the underside of the leaves shown in the diagram above. What are these substances? [1m]

(c) Match the two plants to the correct group. [1m]

- | | | |
|--------------|-----------------------|---|
| Banana plant | <input type="radio"/> | <input type="radio"/> non-flowering plant |
| Tree fern | <input type="radio"/> | <input type="radio"/> flowering plant |



- End of paper -



NHPS P3 Science Term 1 Weighted Assessment

Answers

Qn	Ans
1	3
2	4
3	2
4	1
5	3

6.	(a) laying eggs; give birth												
	(b) Both have wings.												
	(c) Yes. Both breathe through lungs. Or No. A frog breathes through its *moist skin in water but mammals do not.												
7.	(a) Animal C has a beak but animal B does not have.												
	(b) <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>Animal</th> <th>Animal group</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>fish</td> </tr> <tr> <td>C</td> <td>birds</td> </tr> <tr> <td>B</td> <td>reptiles</td> </tr> <tr> <td>D</td> <td>mammals</td> </tr> </tbody> </table>	Animal	Animal group	A	fish	C	birds	B	reptiles	D	mammals		
Animal	Animal group												
A	fish												
C	birds												
B	reptiles												
D	mammals												
	(c) <div style="text-align: center;"> <table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td colspan="4" style="text-align: center;">Outer body covering</td> </tr> <tr> <td style="text-align: center;">Feathers</td> <td style="text-align: center;">Hair</td> <td style="text-align: center;">Scales</td> <td style="text-align: center;">Dry skin with scales</td> </tr> <tr> <td style="text-align: center;">C</td> <td style="text-align: center;">D</td> <td style="text-align: center;">A</td> <td style="text-align: center;">B</td> </tr> </table> </div>	Outer body covering				Feathers	Hair	Scales	Dry skin with scales	C	D	A	B
Outer body covering													
Feathers	Hair	Scales	Dry skin with scales										
C	D	A	B										
8.	(a) Both have a stem/strong stem. Both have leaves/branches.												
	(b) They are spores/ spore bags.												
	(c) <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;"> <p>Banana plant ●</p> <p>Tree fern ●</p> </div> <div style="text-align: center;"> <p>non-flowering plant ●</p> <p>flowering plant ●</p> </div> </div>												