**Monday 13th March 2023 – Lindisfarne Homework – LIVING THINGS**

**Q1.**

**Trees**

(a)     Class 6 are investigating trees in their school grounds.

                                         

Describe **ONE** function of the roots.

  ........................................................................................................................

1 mark

(b)     Tree leaves absorb light from the Sun.

Tick **ONE** box to show the life process for which leaves absorb light.



|  |  |  |  |
| --- | --- | --- | --- |
| reproduction |   | nutrition |   |
| movement |   | germination |   |

1 mark

(c)     The children observe the flowers on some of the trees.

Complete the labels to name the parts of flower A on the diagram below.



2 marks

(d)     Here are the children’s observations of flower B:

|  |  |
| --- | --- |
| *The flower does not have a smell.It does not have bright petals.It has lots of long stamens.* |   |

Tick **ONE** box to show how flower B is pollinated.
Use the children’s observations to help you.



|  |  |  |  |
| --- | --- | --- | --- |
| by insects |   | by birds |   |
| by wind |   | by humans |   |

1 mark

(e)     The table below can be used to sort the flowers on the trees.

Write **all** the names of the flowers in the correct boxes on the sorting diagram. One has been done for you.





|  |  |  |
| --- | --- | --- |
|   | **Flower hasfive petals** | **Flower does not havefive petals** |
| Flowers aregrouped togetheron the stem |   | *Manna ash* |
| Flowers arespread out alongthe stem |   |   |

2 marks

**Q2.**

**Butterfly garden**

(a)     This diagram shows the life cycle of a red admiral butterfly.



John wants to get rid of all the nettles in the school wildlife area.
This will affect the red admiral butterfly.

Give **TWO** different reasons why nettle plants are important in the life cycle of the red admiral butterfly.



(i)      ............................................................................................................

1 mark

(ii)     ............................................................................................................

1 mark

(b)     Some birds eat caterpillars.

Use the diagram to help you complete the **food chain** below.

  .......................... ............................ 

8

1 mark

**Q3.**

**Blackbirds**

(a)     Some children watched a video about blackbirds and their young.



They used the video to make a diary.

Read the information in the diary carefully.



Tick **THREE** things **all** animals do.



|  |  |  |  |
| --- | --- | --- | --- |
| sing |   | grow |   |
| feed |   | fly |   |
| lay eggs |   | reproduce |   |

3 marks

(b)     Look at the diary.

Write down the evidence from the diary that shows that chicks grow after they have hatched.

  ......................................................................................................................

......................................................................................................................

1 mark

(c)     The children found some information about birds' eggs.



Describe the pattern between the size of these eggs and the time taken to hatch.

  ......................................................................................................................

......................................................................................................................

2 marks