

2019 - 2020

1st year

Wood Technology Summer Assessment



Ms Power

Answer any 2 of the 3 Questions provided

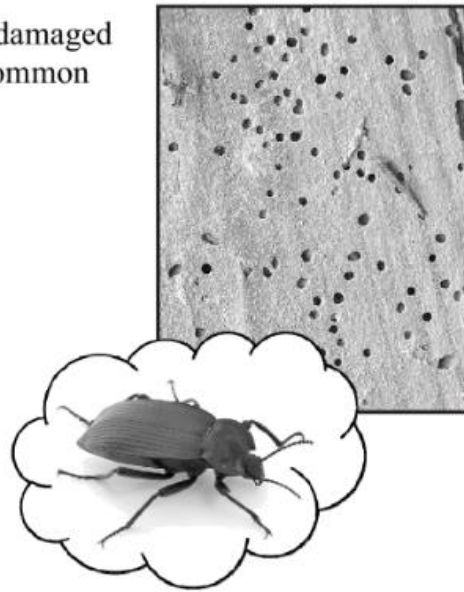
Monday (25-05-2020) 11am-12.30am

*Complete your work and photograph, then send to
roisinpower@kwetb.ie*

1

The diagram shows wood that has been damaged by woodworm. An enlarged view of a common furniture beetle is also shown.

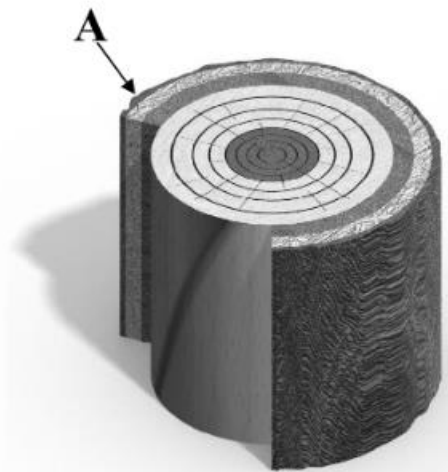
- (i) Describe, using notes and *neat freehand sketches*, the life cycle of the common furniture beetle.
- (ii) Describe, using notes and *neat freehand sketches*, how the holes are made in the wood by the woodworm. Indicate at which stage in the lifecycle this occurs.
- (iii) Describe one method of treating wood to help prevent an attack of woodworm.



2

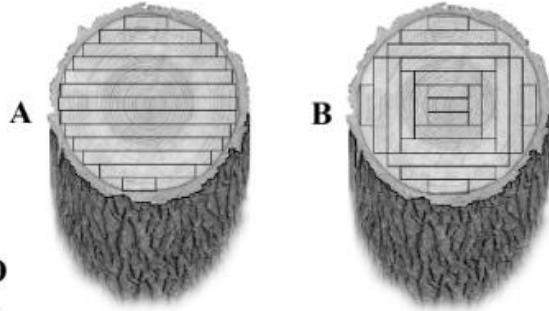
The diagram shows a cross section of a tree.


- (i) Name the part of the tree, labelled **A** in the diagram, and describe **two** of its functions.
- (ii) Draw a diagram showing a cross section of a tree and label any **three** other parts.
- (iii) Describe, with the aid of notes and *neat freehand sketches*, how trees produce food.



3

The diagrams show two methods of timber conversion.



- (i) Name the **TWO** methods of conversion.
- (ii) State **TWO** advantages and **TWO** disadvantages of **each** conversion method.
- (iii) The board shown on the right is prone to **cupping**. Using a *neat freehand sketch*, show the direction of the cupping and explain why this happens.

- (iv) With increasing awareness of environmental issues, there is a greater focus on the protection of existing tropical rain forests and on the conservation of hardwoods.
 - (a) State **TWO** reasons why we should conserve our rainforests.
 - (b) Suggest **TWO** ways that we can reduce our use of hardwoods.

Best of luck to you all!

Hope you have a nice and safe summer!

MS R Power

WHAT TIME IS IT?!
Summertime!

