

QUESTIONS AND ANSWERS

MANUFACTURING WITH WOOD

PART TWO

This mobile revision pdf is based on detailed work found in the 'MATERIALS' and 'EQUIPMENT' sections.

Tap on the green and yellow link buttons below to go to the website.



Tap the blue button to view all work covered by this Revision PDF



QUESTIONS AND ANSWERS MANUFACTURING WITH WOOD PART TWO

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HOW TO USE THIS REVISION PDF

Read and attempt answering each question, before following the link to a potential answer. Also, consider working in pairs.

QUESTIONS ONE TO FIVE

QUESTIONS SIX TO TEN

QUESTIONS ELEVEN TO FIFTEEN

**TAP / CLICK THE LINK
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QUESTION 1a

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The 'felling' of a tree, is the first stage of preparing the timber for commercial use. The fifth stage is seasoning

What are the stages in between?

Tap the image a potential answer



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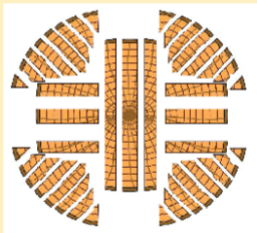
QUESTION 1b

V.Ryan © www.technologystudent.com 2019

When logs are cut into 'boards', at a saw mill, they are cut in different ways.

What is the method shown below?

Tap the image a potential answer



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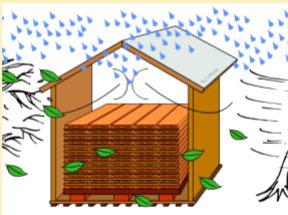
QUESTION 2a

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At the saw mill trees are cut into boards.

What is the process shown below?

Tap the image a potential answer



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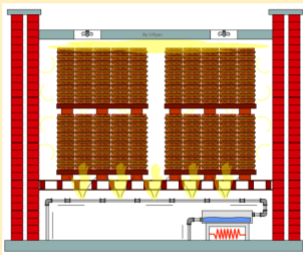


QUESTION 2b

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The process shown below is an alternative to the one shown in 2a. **What is this process and what is it called?**

Tap the image a potential answer



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QUESTION 3a

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When natural wood is ready for cutting into its final shape, this machine is used.

What is it called?

Tap the image a potential answer



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QUESTION 3b

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This machine is used to produce a smooth and accurate surface, after cutting on the previous machine. **What is it called?**



Tap the image a potential answer

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QUESTION 4a

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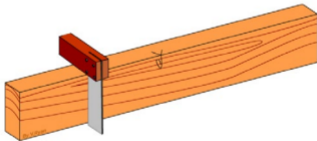
In terms of the preparation of natural wood - **What is the meaning of the following abbreviations?**

PAR

PBS

PSE

Tap the image a potential answer



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QUESTION 4b

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Natural wood is sold in different shapes / forms. **Name four 'stock forms' found in wood yards and at wood suppliers.**

Tap the image a potential answer



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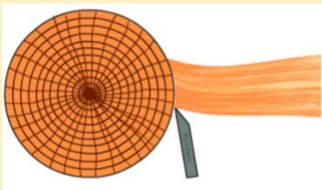


QUESTION 5a

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What is this process called and what does it produce?

Tap the image a potential answer



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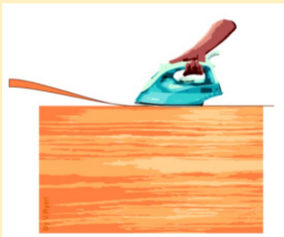


QUESTION 5b

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What is happening in the picture below?

Tap the image a potential answer



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QUESTION 6a

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What is the difference between softwood and hardwoods?

Tap the image a potential answer



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QUESTION 6b

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Describe two 'working' properties and 'uses', of British Scots Pine.

Tap the image a potential answer



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QUESTION 6c

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Plantation Teak is very useful for the manufacture of outdoor furniture. Why?

Tap the image a potential answer



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QUESTION 6d

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Oak is a useful natural wood.
Describe some of its uses.

Tap the image a potential answer



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QUESTION 6e

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The wood being carried below, is extremely light, although classified as a hardwood and is used for model making.

What is it called?

Tap the image a potential answer



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QUESTION 7a

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Manmade boards **What is blockboard?**

Tap the image a potential answer



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QUESTION 7b

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Manmade boards **Describe chipboard?**

Tap the image a potential answer



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QUESTION 7c

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Manmade boards
Describe MDF? (include its full name)

Tap the image a potential answer



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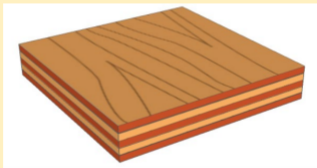


QUESTION 7d

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Manmade boards
Why is plywood very strong?

Tap the image a potential answer



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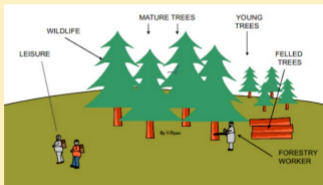


QUESTION 8a

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What is a sustainable forest?

Tap the image a potential answer



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QUESTION 8b

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**What is the full name of FSC?
What does the FSC promote?**

Tap the image a potential answer



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QUESTION 8c

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**What is the full name of PEFC?
What does the PEFC promote?**

Tap the image a potential answer



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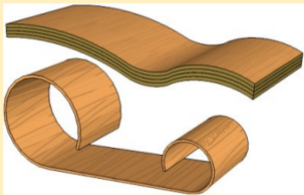


QUESTION 9a

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What is flexi-ply?

Tap the image a potential answer



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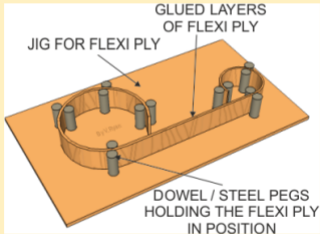


QUESTION 9b

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**Describe the use of a 'jig',
when forming flexi-ply?**

Tap the image a potential answer



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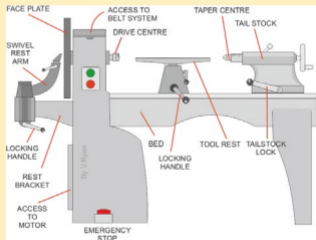


QUESTION 10a

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Name this machine.

Tap the image a potential answer



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QUESTION 10b

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Name / describe three products that can be manufactured on the machine you named in the previous question.

Tap the image a potential answer



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QUESTION 11

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The Eames Lounge Chair is a famous design. The seat and head rest of the chair (laminated wood) are heated in a steam chamber.

Why is this required.?

Tap the image a potential answer



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QUESTION 12

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**Briefly describe the usual
Life Cycle natural wood?**

Tap the image a potential answer



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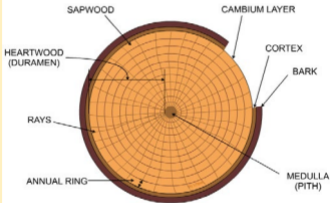


QUESTION 13

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Why do some people consider natural wood as a 'composite' material?

Tap the image a potential answer



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QUESTION 14a

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Name five natural woods that are found in Boreal Forests.

Tap the image a potential answer



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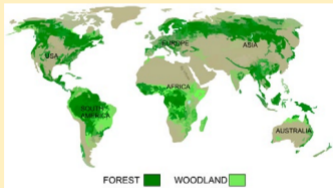


QUESTION 14b

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Name two more types of forest?

Tap the image a potential answer



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QUESTION 15

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**In your opinion,
why are forests
important to the
world
environment?**

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