

QUESTIONS AND ANSWERS

MANUFACTURING WITH WOOD

PART THREE

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 THREE

V.Ryan © www.technologystudent.com 2019

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 SIXTEEN

**TAP / CLICK THE LINK
BUTTON FOR ALL
MOBILE APPS**



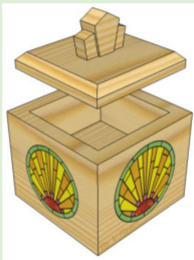
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QUESTION 1a

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**What is decoupage
(d coupage)?**

Tap the image a potential answer



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QUESTION 1b

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Briefly describe how decoupage is achieved.

Tap the image a potential answer



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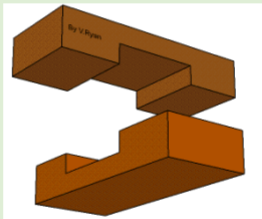


QUESTION 2

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**Name this common
woodworking joint.**

Tap the image a potential answer



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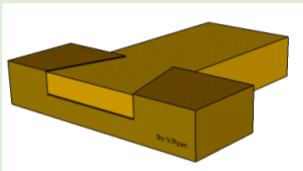


QUESTION 3a

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What type of halving joint is this?

Tap the image a potential answer



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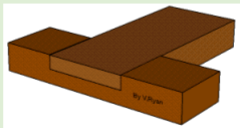
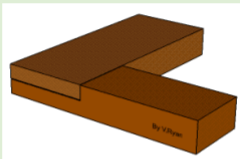


QUESTION 3b

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Name the two other halving joints seen below.

Tap the image a potential answer



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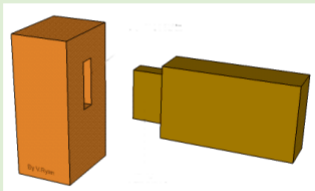


QUESTION 4a

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Name this joint and when is it often used?

Tap the image a potential answer



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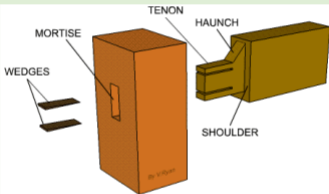


QUESTION 4b

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Name this joint and explain why it has advantages other the previous joint?

Tap the image a potential answer



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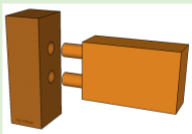
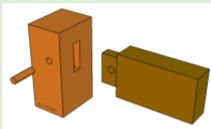


QUESTION 4c

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Name these two joints. Why is dowel used?

Tap the image a potential answer



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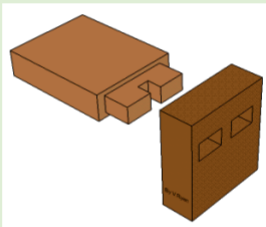


QUESTION 4d

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Name this joint and describe ONE advantage it has over similar joints?

Tap the image a potential answer



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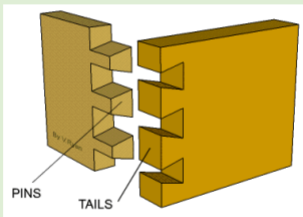


QUESTION 5a

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Name this joint and why is it very strong?

Tap the image a potential answer



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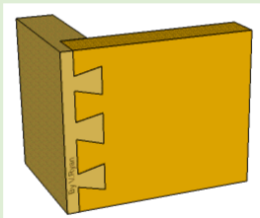


QUESTION 5b

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Name this joint and where are you likely to see it?

Tap the image a potential answer



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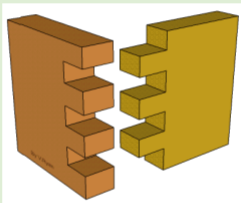


QUESTION 6a

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This joint has TWO names. What are they?

Tap the image a potential answer



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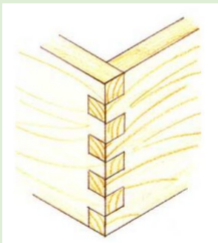


QUESTION 6b

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List some practical applications of this joint (named in the previous question)?

Tap the image a potential answer



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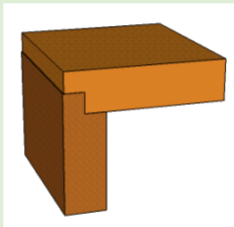


QUESTION 6c

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Name this corner joint and give one practical application.

Tap the image a potential answer



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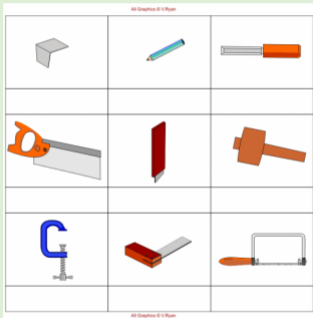


QUESTION 6d

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These tools are used to mark out and cut joints. **Name each one.**

Tap the image a potential answer



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QUESTION 7a

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Why is it often necessary, to apply a 'finish' to the surface of wood?

Tap the image a potential answer

**WATER
BASED VARNISH**



**OIL
BASED VARNISH**



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QUESTION 7b

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Shellac is supplied in stick form, in various shades. Shellac is actually resin, secreted from tree loving bugs found in India and Thailand. **Why is it being used, as seen in the diagram below?**

Tap the image a potential answer



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QUESTION 7c

V.Ryan © www.technologystudent.com 2019

Wax sticks are supplied in a range of shades.

What is their purpose?

Tap the image a potential answer

WAX STICKS



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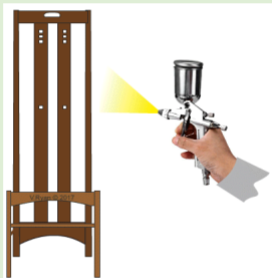
QUESTION 8a

V.Ryan © www.technologystudent.com 2019

Varnish can be applied as a spray.

Describe ONE other way of applying it to a wood surface?

Tap the image a potential answer



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QUESTION 8b

V.Ryan © www.technologystudent.com 2019

DYES and STAINS are used to
'colour' wood.

**What is the advantage of
SOLVENT based DYES over ones
that are water based?**

Tap the image a potential answer



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Tap the red button to return to the
Contents page



QUESTION 9a

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Where and why, would it be wise to use Danish Oil?

Tap the image a potential answer



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QUESTION 9b

V.Ryan © www.technologystudent.com 2019

Why is Teak Oil used on exterior furniture?

Tap the image a potential answer



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QUESTION 10

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Paints are used as a finish.
**What are: PRIMER, UNDERCOAT
AND TOP COAT?**

Tap the image a potential answer

	WATER BASED ACRYLIC EMULSION	SOLVENT / OIL BASED PAINT
PRIMER		
UNDERCOAT		
TOP COAT		

Tap the red button to return to the
Contents page

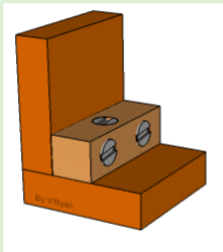


QUESTION 11a

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Name this 'knock-down' fitting and when is likely to be used?

Tap the image a potential answer



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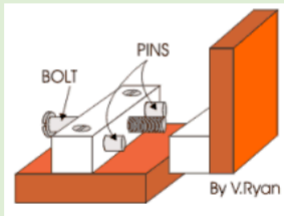


QUESTION 11b

V.Ryan © www.technologystudent.com 2019

Name this 'knock-down' fitting and when is likely to be used?

Tap the image a potential answer



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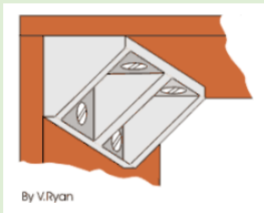


QUESTION 11c

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Name this 'knock-down' fitting and when is likely to be used?

Tap the image a potential answer



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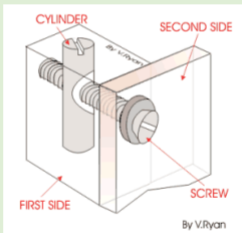


QUESTION 12a

V.Ryan © www.technologystudent.com 2019

This fitting is strong enough to be either a permanent or temporary joint. **What is it called?**

Tap the image a potential answer



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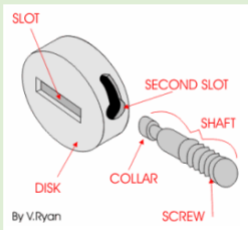


QUESTION 12b

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A CAM LOCK fits into a recess in the side of a cabinet. **How is it made to lock in position?**

Tap the image a potential answer



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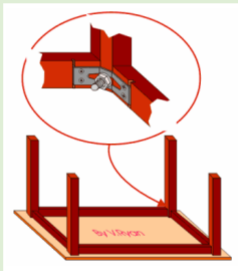


QUESTION 13

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What is the name of this knock-down fitting and where is it best suited for use?

Tap the image a potential answer



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QUESTION 14a

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Name this bolt?

Tap the image a potential answer



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QUESTION 14b

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Name this bolt?

Tap the image a potential answer



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QUESTION 15a

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This is a common type of hinge.
What is it called and when is it normally used?

Tap the image a potential answer



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Contents page



QUESTION 15b

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This is a decorative hinge. **What is its correct name?**

Tap the image a potential answer



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QUESTION 15c

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This is a FLUSH HINGE. It does not require a recess to be cut. However, compared to a BUTT hinge it has a disadvantage.

What is it?

Tap the image a potential answer



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QUESTION 15d

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This is a piano hinge
Where are you likely to see it?

Tap the image a potential answer



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QUESTION 16

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This is a traditional solid wood chair, manufactured from oak.

Why is oak suitable?

Tap the image a potential answer



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