

# EXAMINATION QUESTIONS SCREWS, GLUES AND KNOCK-DOWN JOINTS

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# EXAMINATION QUESTIONS

## SCREWS, GLUES AND

## KNOCK-DOWN JOINTS

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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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MOBILE APPS**

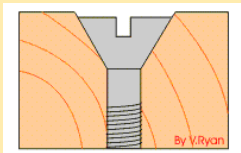


## QUESTION 1a

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**Name the screw shown below  
and explain why and when it  
is used.**

**Tap the image a potential answer**



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## QUESTION 1b

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**What are the advantages of using Pozidrive / Pozidriv screws?**

**Tap the image a potential answer**



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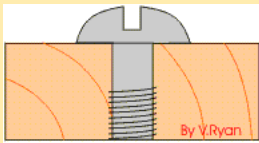


## QUESTION 1c

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**Name the screw shown below and explain why and when it is used.**

**Tap the image** a potential answer



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## QUESTION 2a

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**Sketch a Raised Head Screw  
and explain when it is used.**

**Tap the image a potential answer**



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## QUESTION 2b

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**When are Dome Head Screws normally used?**

**Tap the image a potential answer**



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## QUESTION 2c

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This screw has a thread that extends all its length. It is also ideal for a particular man-made / complaint material.

**Name the screw and the material it has been designed for.**

**Tap the image a potential answer**



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## QUESTION 3a

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**Why is this screw called a 'Self Tapping Screw'?**

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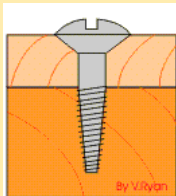


## QUESTION 4

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**Describe how screws are used to join two pieces of material.**

**Tap the image** for a potential answer



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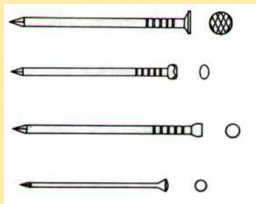


## QUESTION 5

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**Name and sketch five types of nail and briefly describe their practical use.**

**Tap the image** for a potential answer



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## QUESTION 6a

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Cyanoacrylate is the original name for super glue.

**When was it invented and how was it used in the 1950s and Vietnam War?**

**Tap the image for a potential answer**



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## QUESTION 6b

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**What are the advantages of super glue.**

**Tap the image** for a potential answer



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## QUESTION 6c

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**What are the disadvantages of super glue.**

**Tap the image** for a potential answer



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## QUESTION 7a

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PVA is a wood glue used widely.  
**What is the full name for this glue?**

**Tap the image** for a potential answer



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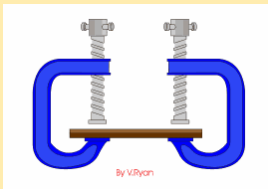


## QUESTION 7b

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**Describe how PVA is used to join woods. Include sketches and notes.**

**Tap the image for a potential answer**



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## QUESTION 8a

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Cascamite is sometimes regarded as a superior glue, compared to other wood glues.

**Describe one way, in which it is better than other wood glues.**

Tap the image for a potential answer



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## QUESTION 8b

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**How is cascamite mixed and applied, when permanently joining wood?**

**Tap the image for a potential answer**



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## QUESTION 9a

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Tensol is used to join plastics.  
**Describe the process.**

**Tap the image** for a potential answer



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## QUESTION 9b

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### What is Contact Adhesive and how is it used?

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## QUESTION 9c

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**What is Liquid Solvent and how is it applied?**

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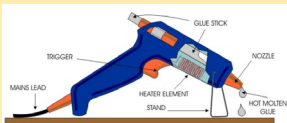


## QUESTION 10

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# How are hot glue guns used?

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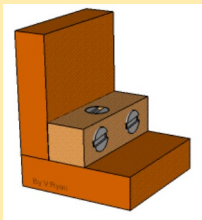


## QUESTION 11

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**Name and describe the use of this knock-down joint.**

**Tap the image for a potential answer**



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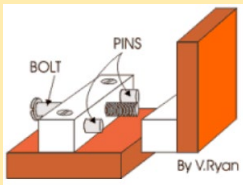


## QUESTION 12

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### Sketch a TWO BLOCK FITTING (LOK-JOINTS).

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## QUESTION 13

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### How does a Rigid Joint work?

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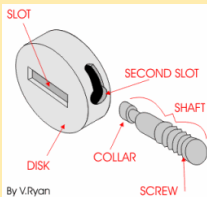


## QUESTION 14

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**Sketch a Cam Lock and explain its use.**

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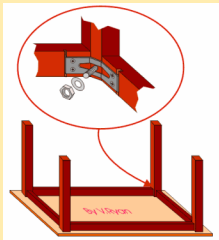
## QUESTION 15

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**What is the name of this popular knock-down joint?**

**What is the name of the traditional joint it replaces?**

**Tap the image for a potential answer**



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