

# QUESTIONS AND ANSWERS

## ENGINEERING

### PART ONE

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

## ENGINEERING

### PART ONE

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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  
BUTTON FOR ALL  
MOBILE APPS**



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## QUESTION 1a

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**This machine is called?**

**Tap the image a potential answer**



Tap the blue button for the next  
slide / page.



Tap the red button to return to the  
Contents page

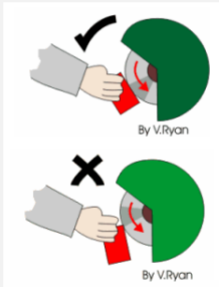


## QUESTION 1b

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**Describe the safe use of this machine?**

**Tap the image a potential answer**



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## QUESTION 2a

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**This machine is called?**

**Tap the image a potential answer**



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slide / page.



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Contents page

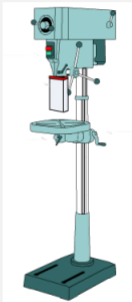


## QUESTION 2b

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**List 5 safety factors, when using this machine?**

**Tap the image a potential answer**



Tap the blue button for the next slide / page.



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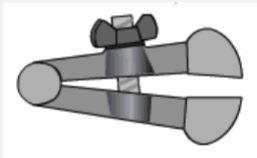


## QUESTION 2d

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**What is the name of the tool shown below?**

**Tap the image** for a potential answer



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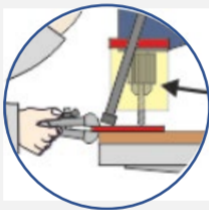


## QUESTION 2e

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**Describe how the tool named in the previous question, is used and enhances safety.**

**Tap the image for a potential answer**



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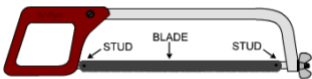


## QUESTION 3a

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**What is the complete name of this saw?**

**Tap the image for a potential answer**



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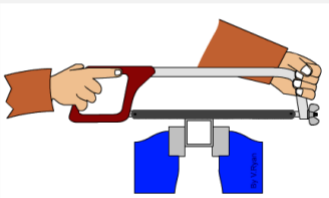


## QUESTION 3b

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**Describe how this saw is used.**

**Tap the image** for a potential answer



Tap the blue button for the next  
slide / page.



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Contents page

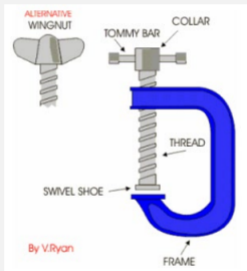


## QUESTION 4a

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**What is the name of this useful piece of equipment?**

**Tap the image for a potential answer**



Tap the blue button for the next slide / page.



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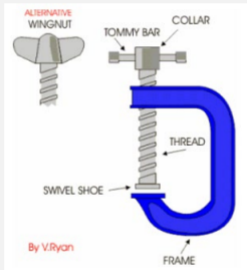


## QUESTION 4b

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**Describe two uses of this equipment?**

**Tap the image for a potential answer**



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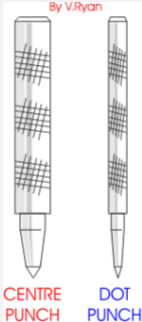
## QUESTION 5a

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**What is the difference between these two tools?**

**Tap the image** for a potential answer

By V.Ryan



Tap the blue button for the next slide / page.



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## QUESTION 5b

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**Name and describe ONE use of the tool shown below.**

**Tap the image for a potential answer**



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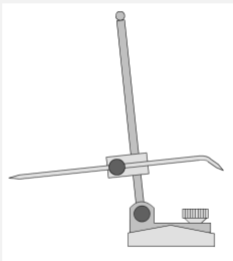


## QUESTION 6a

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**Name this tool.**

**Tap the image** for a potential answer



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slide / page.



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Contents page



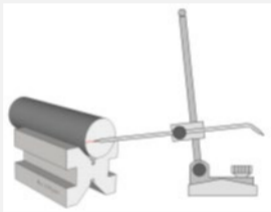


## QUESTION 6b

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**Describe how this tool, is used to find the centre of a round section ?**

**Tap the image** for a potential answer



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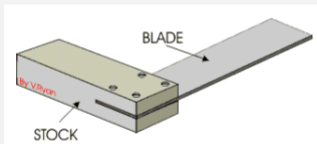


## QUESTION 7a

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**What is the name of this tool?**

**Tap the image** for a potential answer



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slide / page.



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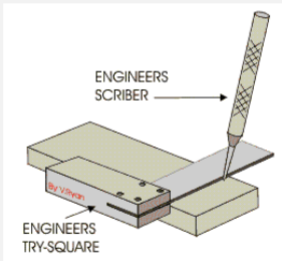


## QUESTION 7b

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**Describe the correct use of the tools, as shown below.**

**Tap the image** for a potential answer



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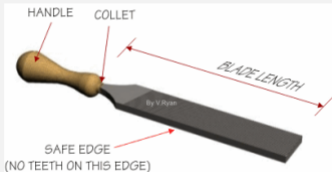


## QUESTION 8a

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### What is this hand tool called?

Tap the image for a potential answer



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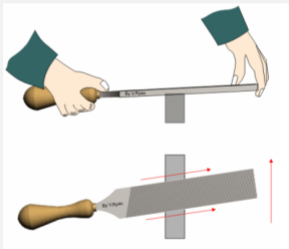


## QUESTION 8b

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**Describe how the hand tool is used to produce a straight edge.**

**Tap the image** for a potential answer



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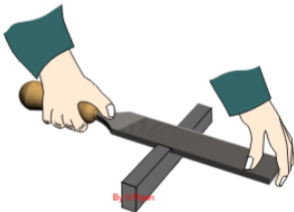


## QUESTION 8c

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**What is the purpose of the 'safe edge'?**

**Tap the image** for a potential answer



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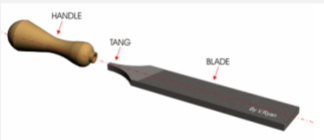


## QUESTION 8d

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**How is the handle 'fixed' permanently in position.**

**Tap the image** for a potential answer



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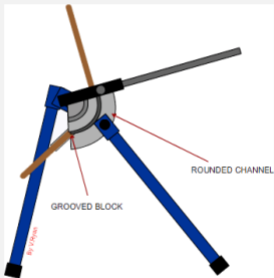


## QUESTION 9

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**Name this equipment and explain its function?**

**Tap the image** for a potential answer



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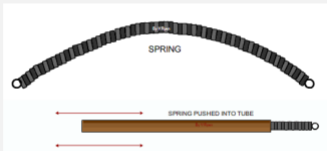


## QUESTION 10

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**What is the function of the spring?**

**Tap the image** for a potential answer



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## QUESTION 11a

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**Name this tool and explain its purpose.**

**Tap the image** for a potential answer



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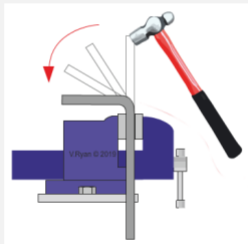


## QUESTION 11b

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**What is 'cold working' of metal?**

**Tap the image for a potential answer**



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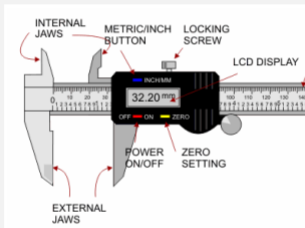


## QUESTION 12a

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**Name this device and briefly explain how it works.**

**Tap the image for a potential answer**



Tap the blue button for the next slide / page.



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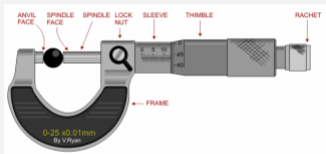


## QUESTION 13a

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**What is the name of the device shown below? What is its function?**

**Tap the image for a potential answer**



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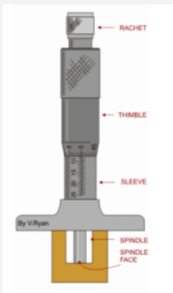


## QUESTION 13b

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**How does this device differ from the previous tool, in terms of its function?**

**Tap the image for a potential answer**



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## QUESTION 14

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The image below shows 'rust' forming on the surface of steel.  
**What is another name / term for rust?**

**Tap the image** for a potential answer



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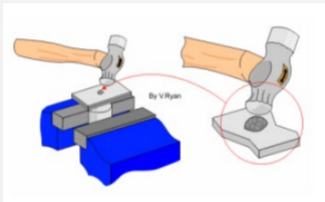
## QUESTION 15

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This hammer is suitable for use with metals such as steel.

**What is it called?**

**Tap the image** for a potential answer



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