classmate O Date Page

Corpentry

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1) Write Corpentry safety Precautions,

Ans. i) Always use safety glasses, wear safety gloves to wear cheek finishing of the product and hearing protection while using noisy tools.

ii) Avoid loose fitting clothes, dangling jewelery and wear clothes which would protect from any particle

flying from the markine.

as the worker would have to put more time thus causing errors.

IV) Disconnect the power supply before changing

the blades

v) Always check the stock you are preparing to cut for any metals before beginning to cut.
vi) A roader bit and saw blade should cut against the motion and not along it.

vii) Never put your near a running blade

while removing cutoffs.

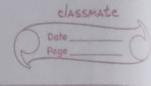
environment distractions you as it may cause accidents.

ix) teep tools in good condition always.

X) If your don't know what todo ask a

superion or a teaher.

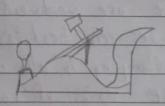
xi) try using single extension board in this way you need to unplug anytime you do changes.



2)	Explain with next sketch following tools
	a) Hand Saw
	b) firmer chisel
	c) Iron-Jack plane
	d) Try-Square
	the state of the s
Ans.	1) Handsaw
	. Hand Saw is used to cut peices of wood into
	different shapes.
	· The edge sharp edges help are used to cut
	wooden peices.
	The state of the s
	Hand saw
	20 Zamenina procession de la constanta de la c
	20 James Marian Marian
	the st passing beautiful to the later to the
	ii) firmer (hise)
	· firmer chisel is one of four main chisel used
the last of the la	in woodwork projects.
	. It has thick strong plate that allows
	removal of large perces of wood in a single stribe
	mer geniting an age seeming the disputery rand
	firmer chisel
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	and the set of the manufacture of the second of the second

iii) Iron - Jack plane

- A jack plane is a general purpose woodworking device bench plane wed for dressing timber · It is usually the first plane used on a rough

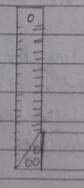


Tron Jack plane

into a wooden stock.

The is a woodworking tool for checking 90° angles on peices of wood.

Though many different types of square, try square is the most essential.



3) Explain with neat labelled diagram the use of wood turning lathe machine.

Ans. Lathe is a machine that helps in shaping several material piece in desired shapes at lathe rotates the prices on the axis in order to perform various operations.

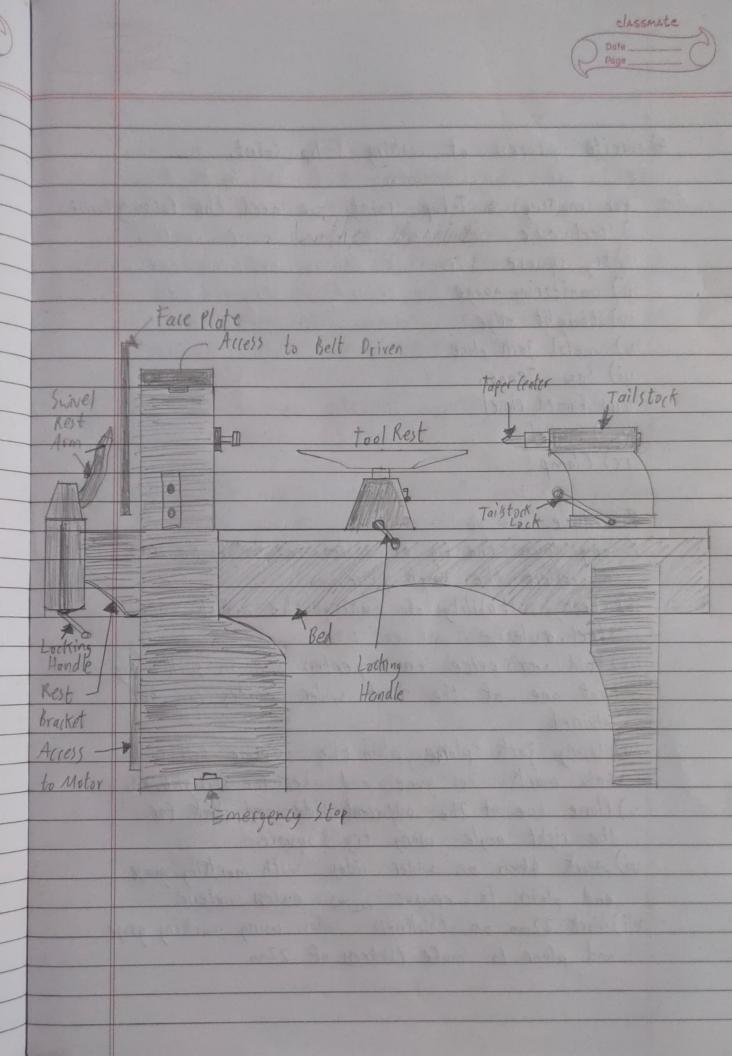
Like cutting, facing, deforming and more the most commonly used lathe machine are voodworking lathe, the vooden peice is placed between headstock and the tailstock of the lathe, Clamping is also used to work the peice about the axis of rotation with help of foceplate. Most wood working lathes are designed to be operated at a speed of 200 at and 1400 revolutions per minute, with slightly over 1000 rpm considered aptimal for most such work and with larger work peices required lower speeds.

Specific use of last the machine

wood turning lathe is typically used to sharp wood into cylindrical profiles.

posts and other various things.

upon primary technique turning operation those on clamps include the rotating headstock, lathe bedy tailstock for longer object and an adjustable tool rest.



4)	write process of making T-lap joint.
Ans.	for making a T-Lap soint we need the following tosis: i) steel rule
	ii) try square
	iii) monitoring guage
	iv) straight edge
	v) metal jack plane
	vi) Saw Tennon
9 12	vii) firmed chisel
	viii) mullet
	ix) (lamp
	Procedure -
	i) Copy down the fig of model in Rough Record
	and collect the work peice.
	ii) check suitability of matting the model using
	steel rule.
	iii) Hold work peice in carpenters vice in such a way
	that one of the best wider sides can be
	plained.
	iv) Using jack plame, plain the surface till band
	saw mark has gone and check for straightness
	v) Plane one of the adjacent side and check for
	the right angle using try square.
	vi) Mark 44mm on wider sides with marking guage
	and plain to remove excess material.
	vii) Mark 22mm on thickness sides using narking gauge
	and plane to make thickness of 22mm

viii) (ut material to two files each measuring 120mm.
ix) Mark material to be removed on both the peice
to make joint using steel rule, marking guage oudtry square.
X) using Tennon saw, cut the material in the unwanted
region leaving about 1 to 2mm from marked line to
the required depth.

xi) Using firmer chisel, remove the unwanted portion of
material and assemble the joint.

5) Explain with next stetch corpentry making or measuring tools.

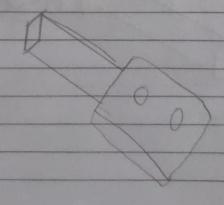
Ans, knowing tools and where it is ideally used. Reading dimensions from drawings or stretches currenty, use the right tools for the right job don't compromise, Check the accuracy of measuring and monitoring tools to ensure its accuracy.

Mean uring and making took in workshop are:

Marking Knife

A marking knife is a woodworking tool to accurately mark workpeice. It cuts a visible line which acts a

reference while using handsaw chisel or plane when marking across a grain of wood. The blades are spear shaped and maybe sharp on one or both ends.

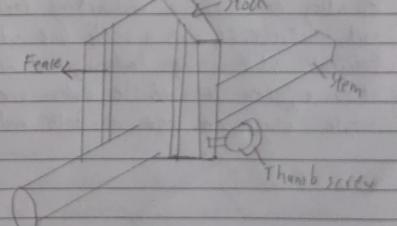


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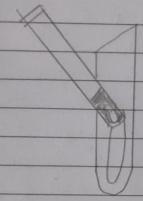
A callines is a measuring tool to check dimensions
of given object. These calliness comprise of a
callibrated scale, with fixed jaw and another
jaw with a pointer. The distance setveen the jaws
is read differently for three types. They provide
pression upto 0.01 mm.

King days

· Marking gauge is used in voodvorking to mark out line for cutting of other operations, the purpose of gauge is to scribe a line parallel to a reference edge / surface. It is used in toinery and sheet metal operations.



A bevel gauge of fabe square is an adjustable gauge for setting and manufacturing angles. Different from try square, which is fixed at 90° . Sliding Thend can set any angle and transfer it on another peice.



· Protractor

It is a measurment instrument typically made out of transparent plastic or glass. This is used to measure angle. Some protractors have 2 swinging arms which help in angle measurment.

