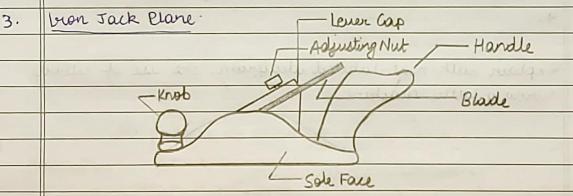
Name: Pargat singh ROUND: 16010121045 Batch: A2 Date: Assignment No 1 carpentry shop white corpertry safety precautions. Q1) The safety precautions to be followed are:-Almays wear safety iglasses or face shelld. Almays mear safety shoes (protective footnear) in morkshop. use gloves when morking in order to quotect your hands from spiriters when handling wooden tools. Do not mear glones near violating parts on other machines where the fabric could stuck. wear safety appron and proper clothy while working in morkshop. ensure that call took are in clear, sharp and good working condition, before morking in oder order to prevent mishaps. Turn whe power off / unplug the machines when you are changing blades, cleaning, inspecting or adjusting a machine. Always maintain a proper idiscipline in the morkshop. Anoid using tools without proper knowledge, always ask you help from the instructor whereur nieded. Do not touch sharp objects with your naked yinger. Do not cavery sharp, pointed tools in your pockets. Keep your morkshop surronding nedt, clear and organised. Make sure that the you guard is in position and in a morking condition wear necessary nearing protection while working in loud enviourment. FOR EDUCATIONAL USE Sundaram

explain with neat sketch the following carpentry tools Q2> Hand saw: Handle in carpentry or woodworking, hand is also known as "Carpentry saw" or "panel saws". They are used to cut peices of wood into diffrent shape, size and forms. It is also used where fine finishing is vequired. As shown in the diagram, it consists of two vital things, the saw blade, which does the wood cutting yob and the handle, from where the user applies force and guides the blade The handle is generally plastic or wooden and the blade us made yrom a wheet of high warkon steel. It is operated by having a series of sharp pointed-backward direct-- ional delth which are harder than wood being cut. Eirmer Chisel: Benel

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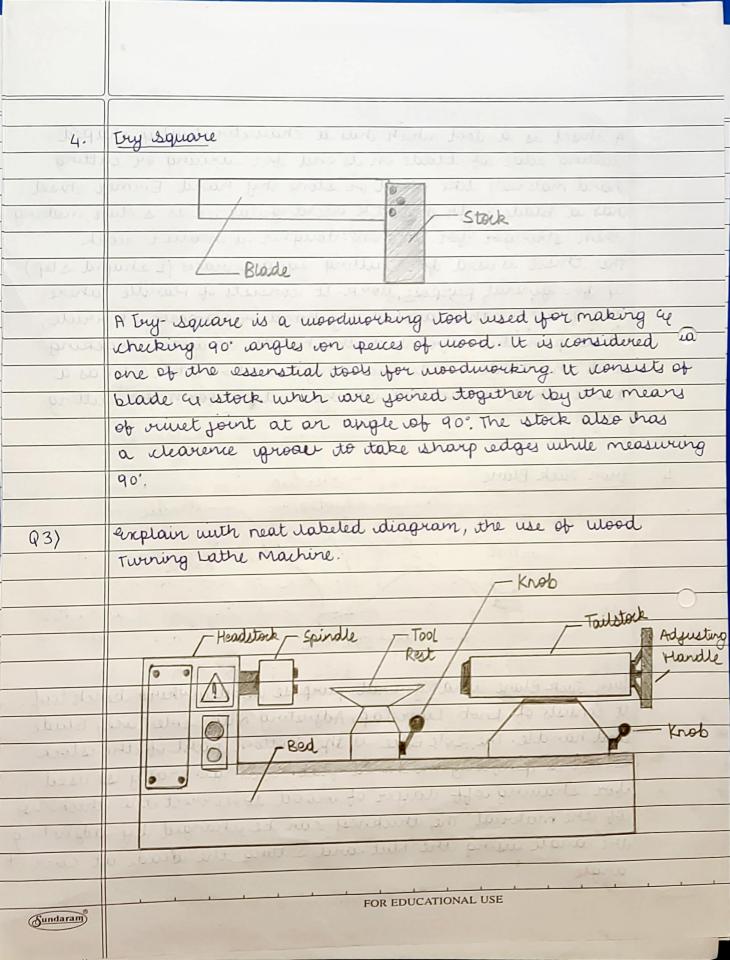
Sundaram

A schiel is a tool which has a sharestirestically shaped witting edge of blade on its end for carriing or cutting hourd material like wood or stone by hand. Evener chisel has a blade with a theth vectorgular worst section, making them stronger for use on tougher in heavier work. This thisel is used for cutting square viaces (L shaped step) if for igeneral purpose work. It consists of Handle, where the force is either applied by hand or hammer; Everule, it is ignorished infront of the handle to award wacking and the Blade; made from high carbor istill, it has a blade which is benefed at the end to form the cutting edge.



buon Jack Plane is a general-purpose moodmorking bench tool. It consults of Knob, Lower cap, Adjusting Nut, sole Face, Blade and handle. The sole Eace is the bottom part of the istock which is perfectly machined flat. It is igenerally as used for shawing of the dayer of mood to covered the thickness of the material. The thickness can be changed by adjusting the larger wanget using the Nut and setting the blade at correct angle.

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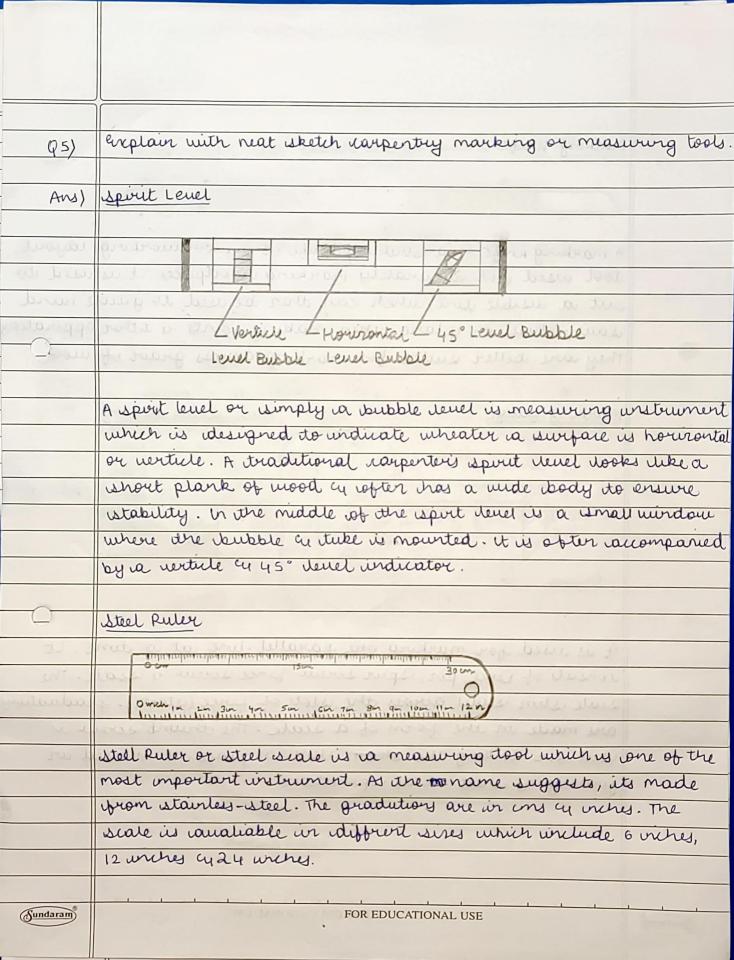


The Lathe Machine is an ancient tool. At the very early stage this machine was identloped around 1300 BC at that time there were not so so many parts except headstock & tailstock. It has evolved since ther, a modern wood twining bothe machine consists of a bron bed, Headstock, Tailstock, spindle, Tool rest, adjusting knows and speed controller. They are typically used to shape narrow uymnetrical mooder shapes, mostly eylindrical in profile. Objects which are usually crafted of Lathes are furniture legs, mooder knobs, namps , bats and wher wuramentals. wood lathe tools consist of warrow fixturing and securing identices for the morkpiece, a adjustable itsol viest and hand held cutting tools in form of long igauges, iskews, scrappers and chisely. In the most modern form of lather, the complete system is automated using computery wherein the machine automatically was the prepares the final product. Q4) write the process of making 'T' Lap Joint. Aim: To make a T- Lap joint. Tools Required: Carpentin vice, steel outler, metal sack plane, Try square, marking gauge, 6- clamp, hard saw, Eirner chisel, benel square. list of operations: Marking, Cutting, Plaining, Joining.

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	Procedure:
1.	check the given wooder block to ensure that it is of correct.
	dimensions.
2.	The wooder block is ther clamped in the carpenter's vice cy
, Lite	two adjacent faces are then planed using metal tack plane.
	and two face are checked for squareness and edge to
rebound	be ought angle using try square.
3.	Using marking gauge, mark 45 mm con the width side.
egnoy.	The excess naterial is first chiseled out with firmer
	crisel and then planed to coveret size.
g. 5.	
6.	
Minn	to correct size
, WU4!	using both try square on steel outler mork ardistance of
manpa i	125 mm on the mooder piece a cut ut unto tuo equal
10.	peices using cross cut saw.
8.	using steel owder and buy square mark a idistance of 40mm
	,45mm cy 40mm dengthusse on one piece of 125mm dength
	we cutting it using handsaw on other whiselit.
9.	mark a distance of 10 mm on the thickness side at a distance
	of 40 mm from one end of 125 mm work peice a cutting it
	using handsay, as chuseling it.
10.	
mong	on one end of the second piece a kut it using hardsaw a
	whisel it.
11	using ruler 4 try square mark 10 mm on the trickness side
	are voit it using hand saw a other whiselit.
12	At last you the pieces using mullet.
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Marking Knibe and water the second A marking knife or a striking knife is a moodmorking dayout tool used for accurately marking moodpeices. It is used to but a visible line, which can other be used to guide hand saw, chisel or plane when making joints of wither oppuration They are better suited for marking across grain of mood. Marking gauge Ferce looking screw spur locking Pin/Spur it is used for marking one parallel live lat ia time. It consists of Earce, pin, spur screw, bence screw a scale. The scale istern slides across the islot of ferce (istock). Graduation are made in the your of a scale. The thumb screw is used for locking the steam stem in place. It is used in joinery 4 wheet metal operations. Sundaram FOR EDUCATIONAL USE

	Try square
W. 18.18.	A AND MARK AND A STATE AND ADDRESS OF THE PARTY OF THE PA
1 40 4	
the second	Stock
( L	Blode
100	The same of the control of the same of the
2000	A try-square is a moodworking tool used for making a
( )	checking go angles on perces of wood. It is considered
J. 60	one of the essential took for woodworking. It consists of
to His	blade a stock which were joined together by the means
	of rivet joint at an angle of 90°. The stock also has
	a clearence grow to take sharp edges while neasuring
	90'.
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