

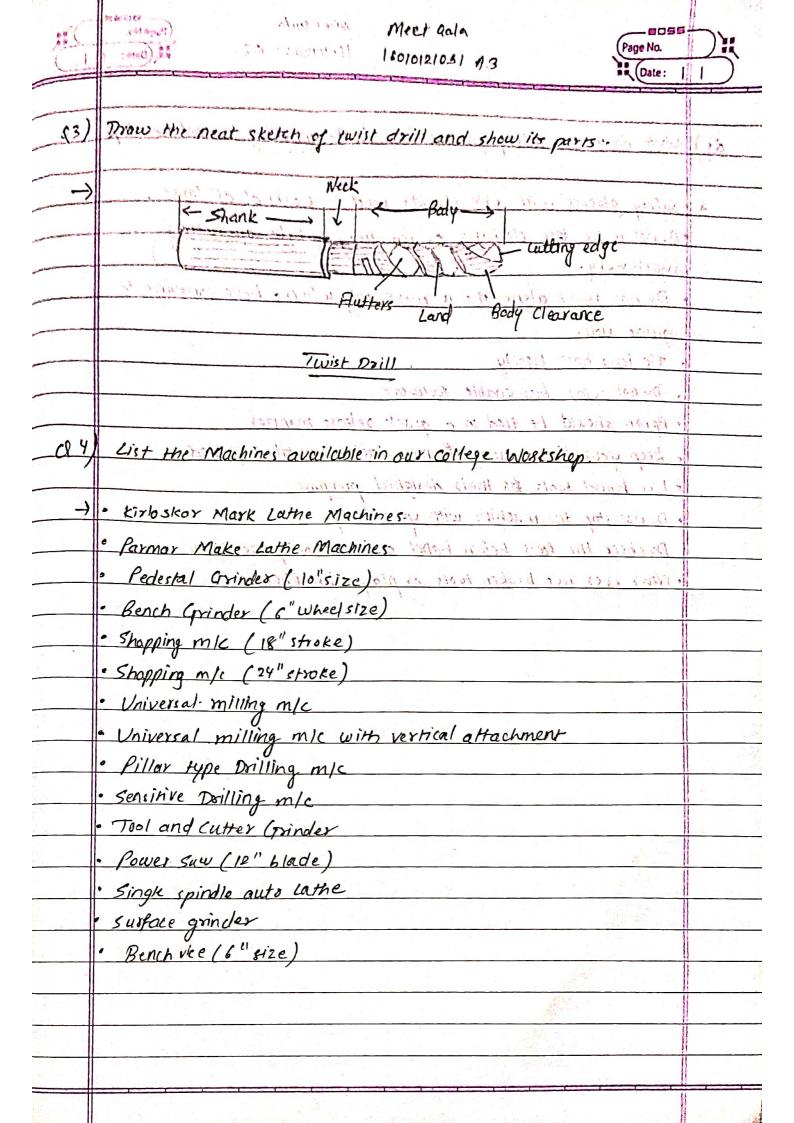
(12) give enc brief information of latte operations. with suitable attachments and modifications a lattre can be made to perform any machining operation done on a number of general purpose machines, operations commonly performed on a lathe include turning, facing, fam turning, grooving, drilling boring, knurling, toper turning and thread cutting. Turning - Turning is the operation in which a cylindrical surface is produced . The work piece & supported between centres of in any other work holding device, and rotated at the desired speed. The tool is first given a depth of cut by using the cross slice motion of the carriage and then given an axial feed by hand or power. Facing: - Facing is an operation used to produce a flat surface at right angles to the rotational axis of the job. In this case tool is fed at right angles to the job while the depth of cut is provided by the axial motion of the carriage. The job may be held in a chunk or between centres. In this centre about half of the Front cone is removed to give acess to the tool. Drilling: - The work piece is held in a chuck or on a face plate and the drill is held in the tail stock quill or in a drill chuck held in the quill. The taper in the quill ensures that the axis of the drill is concentric with the rotational axis of the spindle-Feeding is done by movement of the tail stock quill-

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Taper turning: Taper turning is the process of producing external and internal conical surfaces by combining the rotation of the job and the relative angular feed of the tool. Tapers are used on many tools and machine components for alingment and too easy holding such as twist drille, end mills and reamers.

Boring - Boring is the process of entrying a tole produced
by drilling, costing, punching or forging with the
help of a single point tool. Boring cannot originate a hole.

In boring the job is held in a chuck or face plate and a
boring tool held on the 4001 post are fed into it



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		line shop
0-1) Write down the safety precautions while w	wind in machine
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/	/ Street precautions while w	

- Do not wear lose clothing or jewellery while operating machinory.
 - Do not work alone that is work only when a have someone to quide you.
 - · Te long hair tightly.
 - · Do not wear fashionable footwear
 - · Apron should be tied in a quick release minner
 - · Keep your limbs away from machine until sequired
 - · Use hand tools for their designed purpose
 - · Do not stop the machine with your body.
 - · Never ever use broken tools or play with them