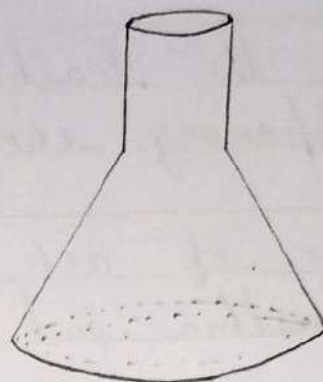
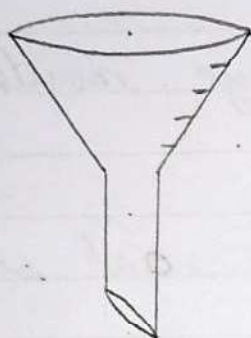


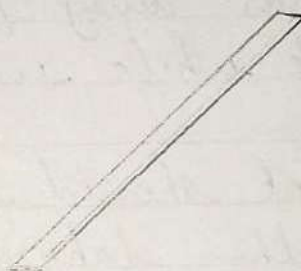
(i) Beaker



(ii) Conical flask



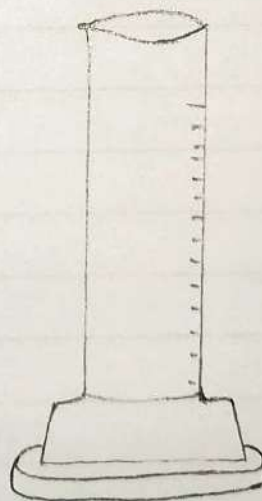
(iii) Funnel



(iv) Stirring Rod.



(v) Pipette



(vi) Measuring cylinder

Aim :-

To study the glassware used in pharmaceutical chemistry lab.

Reference :

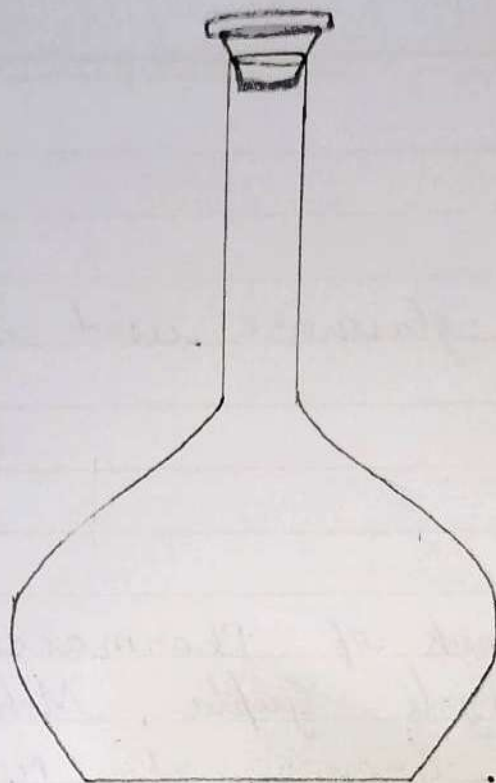
A Practical book of Pharmaceutical chemistry.
Author - Dr. Tyoti Gupta, Mohit Sandysa,
Ms. Madhuri Grover, Pg. No - 1 to 7.

Requirement :

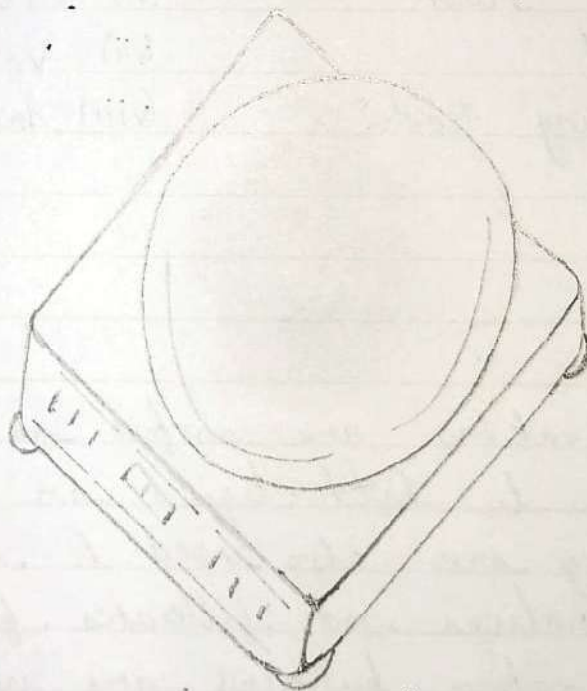
- | | |
|--------------------|---------------------------------|
| (i) Beaker | (v) Pipette |
| (ii) Conical Flask | (vi) Measuring Cylinder |
| (iii) Funnel | (vii) Volumetric cylinder flask |
| (iv) Stirring Rod. | (viii) Analytical wt. machine. |

Theory :->

- (i) Beaker :-> Beakers are useful as a reaction container or to hold liquid or solid samples. They are also used to catch liquids from titrations and filtrates from filtering operations. Laboratory burners are used to heat the beaker.



(vii) Volumetric Flask



(viii) Analytical weight machine.

- (ii) Conical flask :- It is used to mix and heat the solution for short term period.
- (iii) Funnel :- A funnel is a tube or pipe that is wide at top and narrow at the bottom, used for guiding liquid or powder into a small opening.
- (iv) Stirring Rod :- A glass rod is a piece of laboratory equipment used to mix chemicals.
- (v) Pipette :- It is used for measuring an exact but smaller volume of liquid and placing it into another container.
- (vi) Measuring Cylinder :- It is a measuring tool for determining the volume of a liquid. There are several markings up and down the length of the container.
- (vii) Volumetric flask :- It is used for accurate dilutions and preparations of solutions.
- (viii) Analytical weight machine :- It is used to weigh chemical compounds.

Result :- The given glassware was studied successfully.