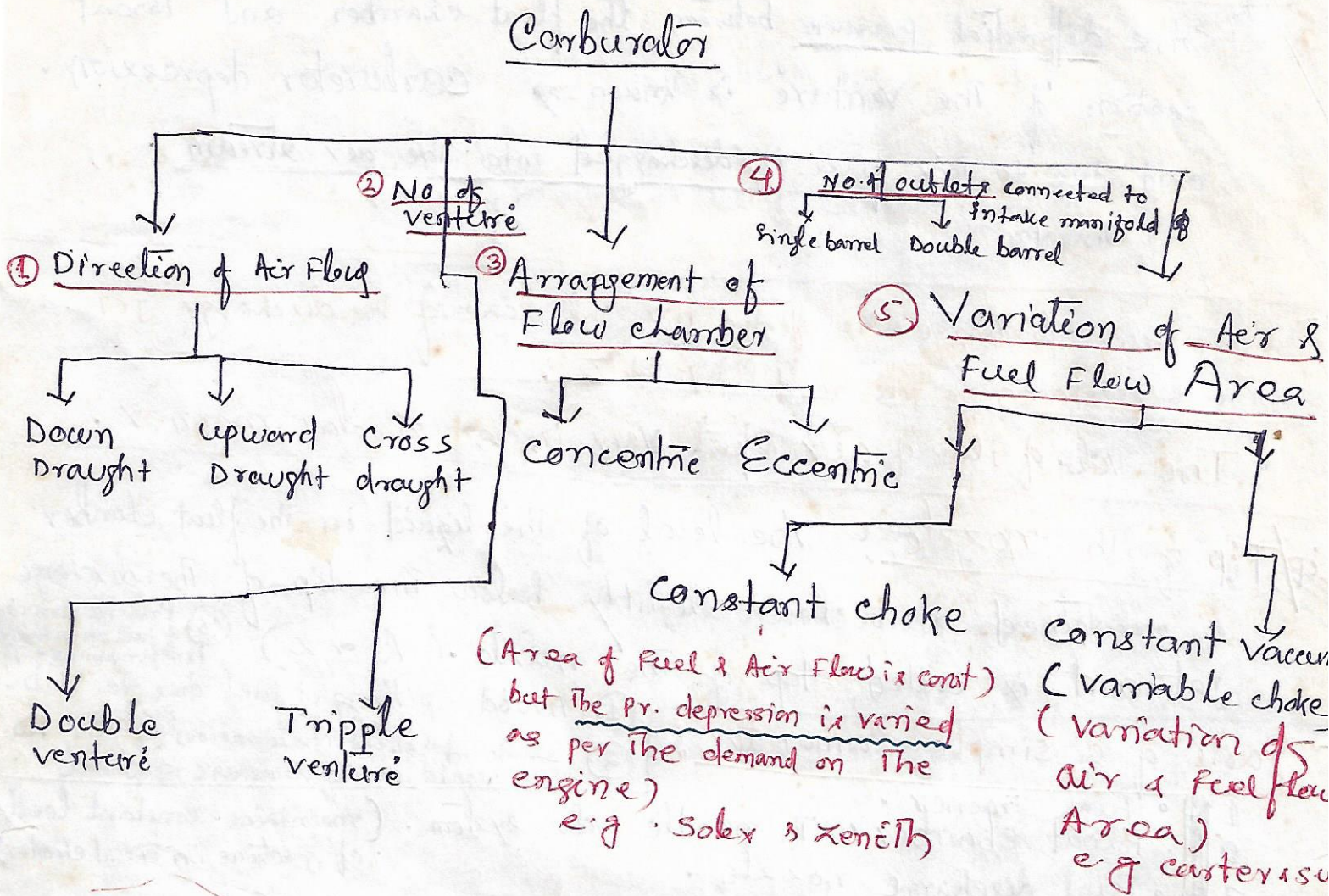


# Types of Carburetors:



Concentric : (Difficulty on a gradient is eliminated) -

When the float chamber is placed around the venturè tube. This type or bicircular arrangement is popular in modern type carburetor. Level in the discharge jet remains fairly const on any gradient.

Eccentric : If the float chamber is placed on the side of

the venturè tube. Difficulty is experienced i.e. either too rich or too weak mixture is sucked in when the m/c is inclined on a gradient.

Upward draught : Air enters at the bottom & leaves at the top.

In passenger car, Disadvantage : It must lift the sprayed fuel droplet by air friction.

Downward Draught : The air enters at the top & leaves at the bottom.

In passenger car, downward draught is more popular. \* The fuel move by "GRAVITY" even if the air velocity is low.

Cross - Draught : with use of this, one right angled turn in the inlet passage