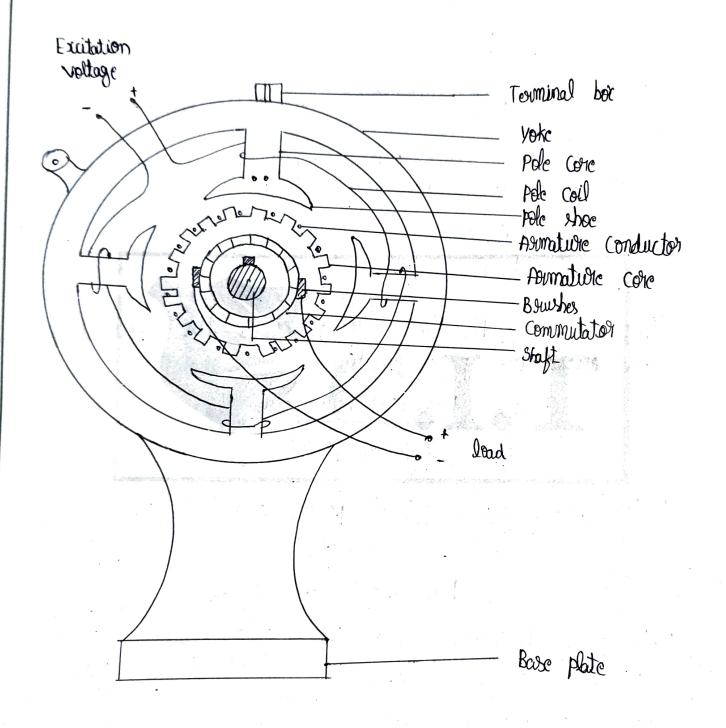
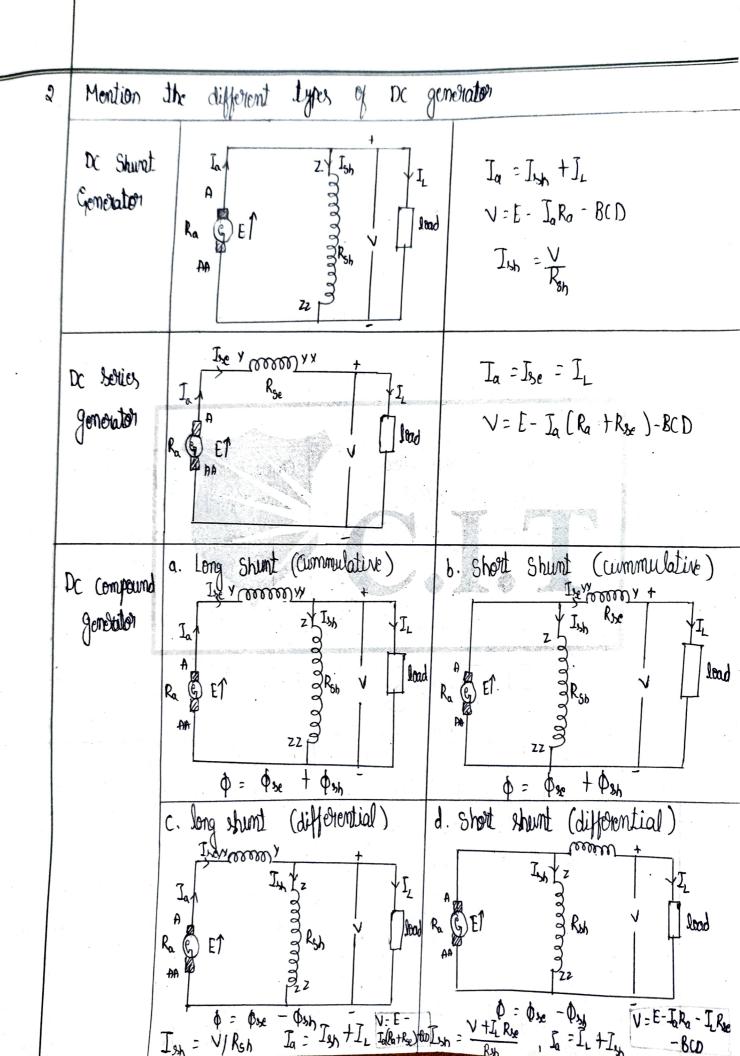
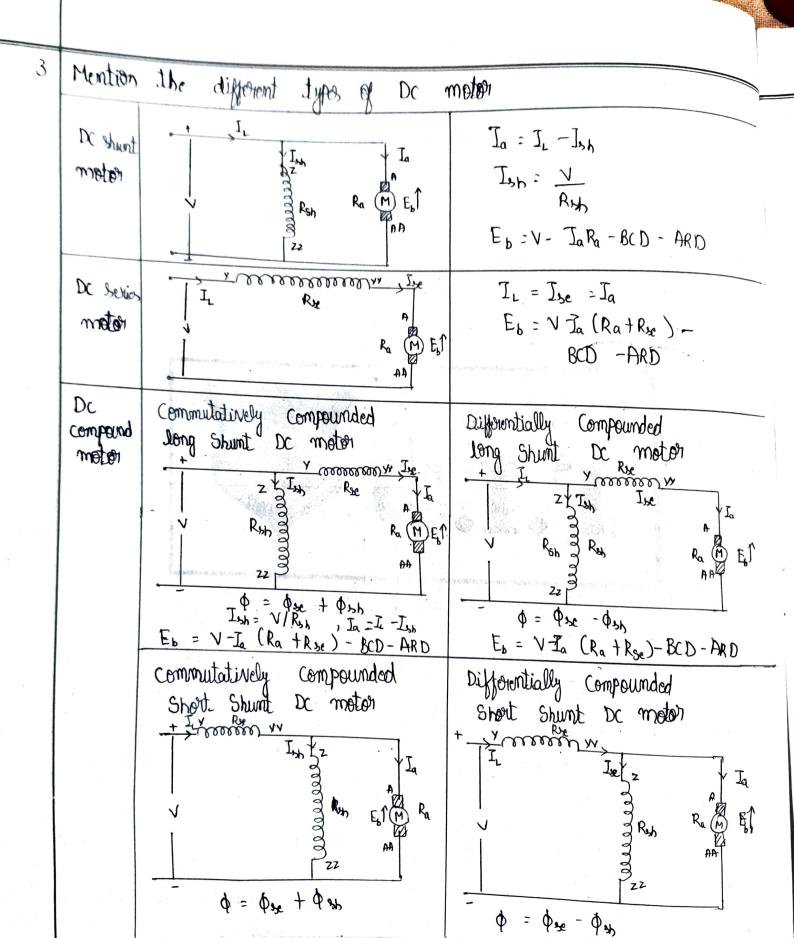
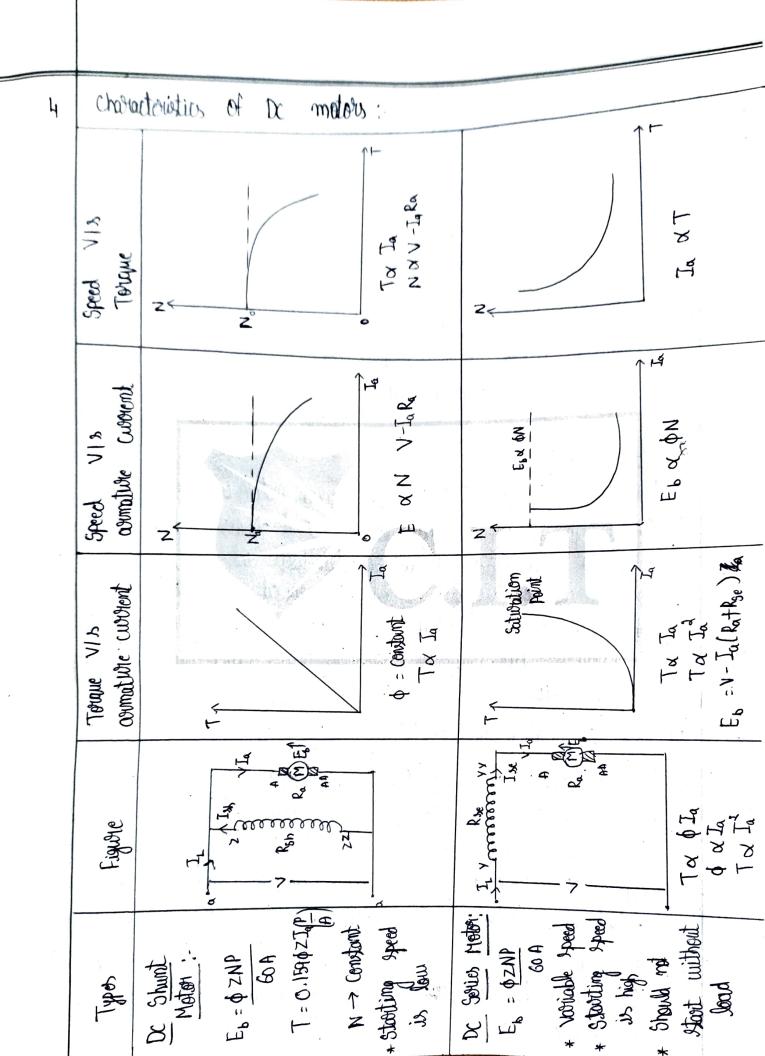
1 Construction of ox generator with a neat labelled diagram.









Write the Applications of DC motors

(i) DC Shunt Meter

From the characteristics of DC shunt motor we realised that it has aredium starting torque and its speed remains almost constant from no load to full load. Hence it is used whose constant speed is required and the starting torque required is not very high such as for lothes, centrifugal pumps, fams, reciprocating pumps, drilling machines, Boring machines, shipping and weaving machines etc...

(ii) DC belies motor

From the characteristics of DC Seties motor we healise that it has Voly high storting torque and its spred volvies widely from no load to full load. Hence it is used where very high storting torque variable speed is sequired such as for electric fraction work. Electric laromotiones, Trollys, Cranos, Hoists, Conveyers, Air Compressor, Vaccium deans, hair duiors & seiving machines etc.

(iii) DC Compound motor

The Characteristics of Cumulatively Compounded DC motor lies between the DC Hrunt motor and DC socies motor. It has high starting force and variable speed It is used where loads are suddenly applied or removed such as shears, punches, coal cutting machines, elevators, conveyors, heavy planners, stolling mills, Ice machines, pointing priors, Air Compressors etc. The differentially compounded De motor has no partial applications because of its undesitable characteristics.