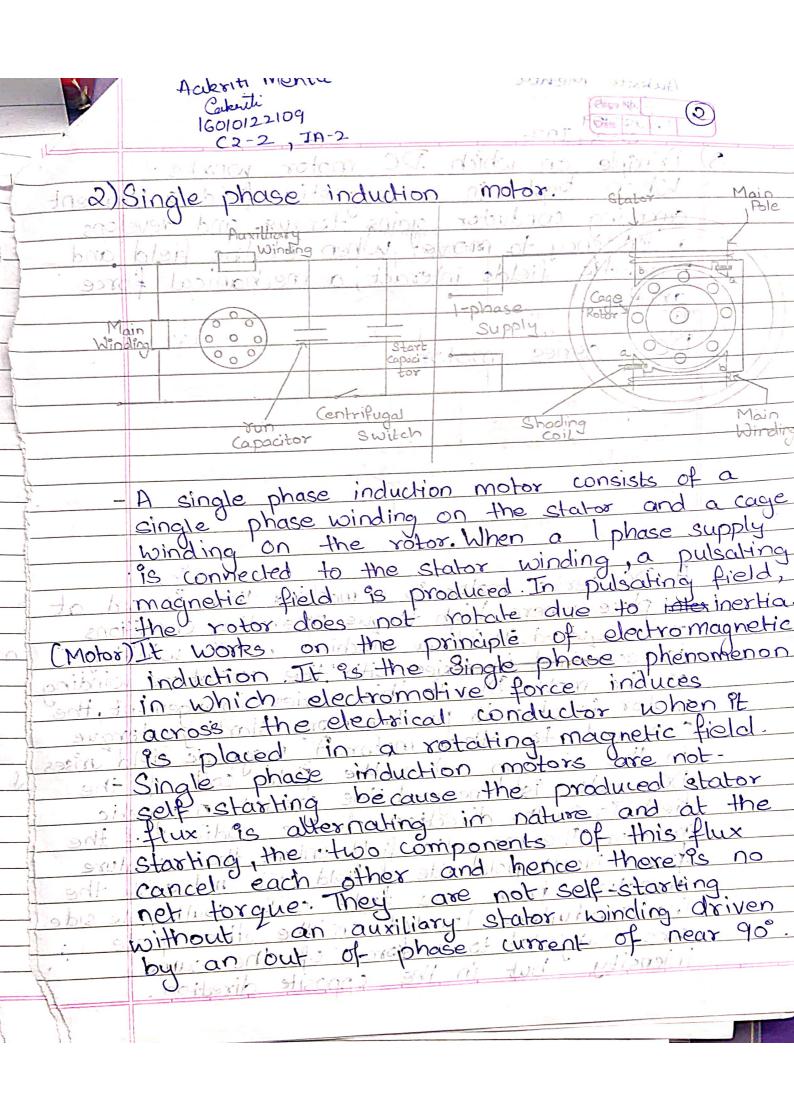
Askrifi Mehta Cakarti IA-2 - A Page No. -S. 16010122109 EICB is earth-leakage circuit breakers. It is a cafety device used in electrical installations with high Earth impedance to prevent shock. It detects small stray voltages on metal enclosures of electrical requipement and interrupts the circuit CFL is compact fluorescent lamp or compact fluorescent light. It is energy-saving light and compact fluorescent tube is a fluorescent lamp designed to replace an incandescent light bulb . Some types fit into light fixtures designed for incandescent bulbs. It provides relatively shawdow free lighting. Fuse is also a probability LED lamp is an electric light that produces light using light emitting diodes. LED lamps are significantly more energy efficient than equivalent la incandescent lamps and can be significantly more efficient than most of the fluorescent lamps. The most effective commercially available LED lamps have efficiencies of 1,200 lumen per watt. Commercial paid LED lamps have a lifespan many times longer of their incondescents lamposer di buo octubile quoties toned political sapone political Hibau pristrees homeon reput stiums fro return to type, B. M. Rs. is most engilies executations siteman ai know but



Aakiti Mehta Cakeiti 3) Pringple on which DC motor works:

When kept in a magnetic field, a current carrying conductor orains torque and develops a tendency to move, when electric field and magnetic fields interact, a mechanical force series motor: FIELD SUPPLY sondy to godd sontor salt no A DC series motor is a machine that is used at A DC series motor is a machine that is used at a place where high torque operating conditions are required. It is a machine whose winding is associated in series with the armature winding of the motor. Due to this series arrangement, the motor is able to produce more starting storque compared to other motor. A magnetic field arises in the air gap when the field coil of the DC motor is energised. The created magnetic field is in the direction of the radius of the armature.

I armature The magnetic field enters, the armature from North pole aide stilled coil and exist. The from North pole side of field coil and exists the armature from the field coils south pole side.

The conductors located on the other pole are subjected to a force of the same intensity but in the opposite direction.

Adkriti Mehta Aakriti Mehla 16010122109 Ce-2, IA-2 These two opposing forces create a torque that causes the motor armature to rotate. DC shunt motor Shunt field Armature to phyciam entradous baseques as afile Place field is wowed for a shunt field of no The refield winding in which DC motors are made of many windings of thin wire, to both increase the magnetic fields strength and limit the current through the coil By doing softhe current is reduced through of the field coil and thus hincreases in the bod armatures. A shunt motor viscea winding field Decomptor that generales magnetic field flux rusing electromagnets. Its field winding and armature winding are Connected original parallel. 2 rooms this basis

