Energy Estimation and Audit Name: Skyshaxoz Home assignment -3 10) Explain the Construction of transformer? A) A tourshormer 98 an Electrical device used to tourster Electrical Energy between two or more Grocusts through Electromagnetic Induction Heel to Enhance magnetic proposties and manager Rosses. Durndings: 1) pormany a) Secoundary 3). Insulation of we demand B) Pisulating materials: used to Exercise the windings and Ensulate the Cose. Tank or Enclosure: A tenk of used to house the Goe and windings. Golding Eystem: Laiger transformers may have additional Golding Eystems to desprite heat Tap Changes: Aduret the voltage output by eleaning the turns I wasterned the warreston. Terminal and Buskings: Busking thought the Connections from the Lank and aclas Electrical Conductors. Sapra Corress when he voltage is applied to the pormon, conding it Grates a time working magnetic field in the Gove. This magnetic field interes a voltage in the Secondary winding through Electromagnetic induction.

2) Deserbe the different Bosses on the toansformer?
DISON Sexual types of comments
colect (an other their
1) helerope (200, Caused by the 7)
1) / 2 and how the majette of the
2) Eddy Grown + Loss: 9 nduced awants Proculate within the Cose
DE Edy Coment Loss: Induced Cusconts Croculate within the God material due to Change In magnetic field.
3) Gpper Losses (wonding Loss): Gpper Coses occurs due to the
resestances in the countries of though proper design
3) Stoay losses: Stoay losses Can be Miny 11 de 1150
3) Stray losses: Stray basses Can be Minimized through propers design and placement of the transformer Components.
9 Dielecte losses: Delector losses & result in Energy deseption a
y Diedector Losses: Mercyon The
heat within the measure of the state of particular and the state of th
5) other Cooces o
heat within the insulation.  Shothar losses:  a) Lemperature
anter a Sport of the lighter having the of Joshide El & Bolder Shirt
Demperature  Sound Peses Distribution with the deal of best offered Killing and the best of the party Killing and the party Killing and the party of the party o
O . Com Com Losses + Stone Coses + Dicherore Coses
total beecs = Gre best Gper Losses + Stay losses + Dielectrie Poes