08106/21 Farth John Welching. 2 K20/B17/33 The process of joining different metals:>

Arc Welding: Process in which source of heat is electricity i.e. coalesence is brought about heating the workplace with an delectors arc struck b/w an electro de and the work piece. The filler material has similar composition & melting point temp as the base metal. It is used to fill gerp b/w the joint surfaces Resistance Welding: Process which coalescence is produced by the heat obtained from resideance of the monk to the flow of electric which work is a part and by application of pressure Fractical Applications of * Discouft Construction * dutomobile *Pipings & pipelines * Ships * Repair of broken & damaged components of machinery * Belidges A Buildings *Storage tanks

Parth John 2K20/B17/33 elding terminologi faler of powersupply weld metal Gaseous Gap Rigi) Base tal Base metal > Oniginal metalbeing joined.
Beadmetal > Deposited Metal Weld metal -> Part of Base metal that has metal -> Proudding shielding to keep gases flux Ripple -> Shape of the bead. -> Each Layer of bead weld deposited Pass -> Depression is the base motal. Coater Penetration-Dept of Jusion with metal Anc Length → Distance from electrodoto metal Weldface - Exposed surface of receld Brositer -> Voids of gas pockets in the weeld.

Spatter -> Metal particles expelled during welding.

Parth John Welded joints Butt joint = a joint b/w two members aligned appear in same plane (Figis) Corner joint = a joint b/w two members located of right angles to each other (Figures) joint = or joint between two members bocated appear at right angles to each other in the form Jos T Lap joint = Or joint b/w two overlapping members (Bever-G2100VB) (J-G800VB)

A joint between the edges of two or more parallel or nearly parallel members Edge joint = inform paigaphove aut wid talog to the de talog d