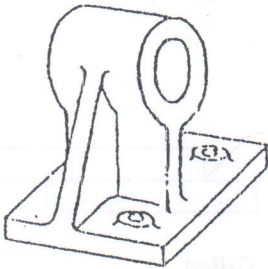
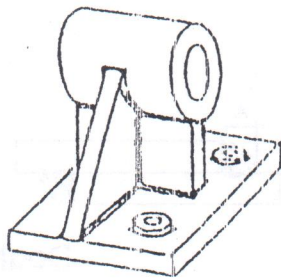


Welded Joints

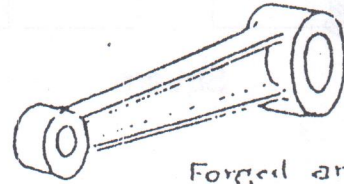
1. Fabrication in which welding is used as an alternative for casting or forging:



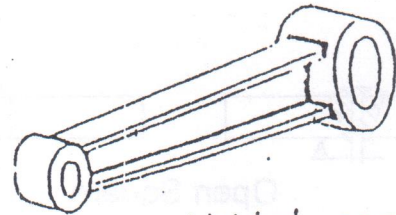
Casted bracket



Welded bracket



Forged arm

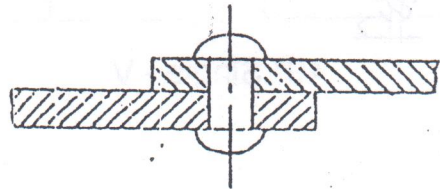


Welded arm

2. Fabrication in which welding is substituted for riveting.



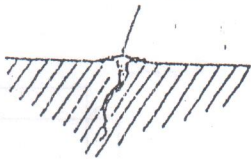
Lap welded joint



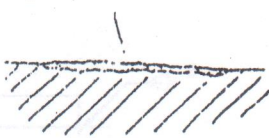
Lap riveted joint

3. Welding is used as a repair medium.

To fill a crack



To repair a worn surface



To fill a gap

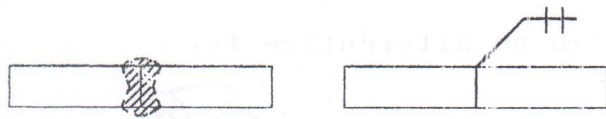


To weld a broken member

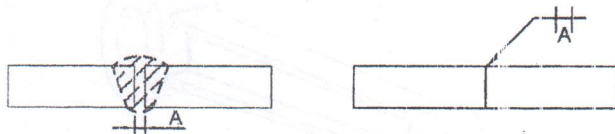


WELD SYMBOLS

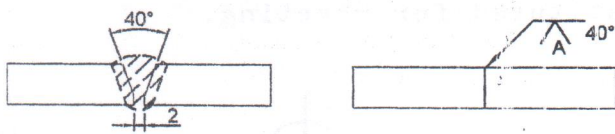
Butt - Welding



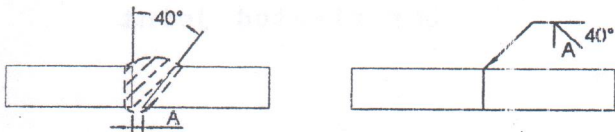
Square



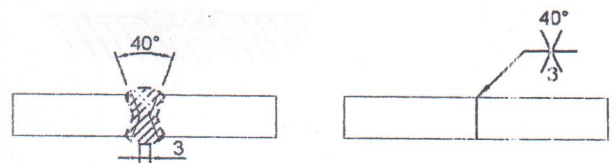
Open Square



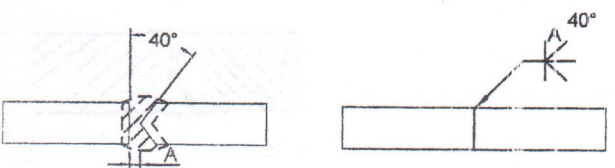
40° Single - V



40° Single - Bevel

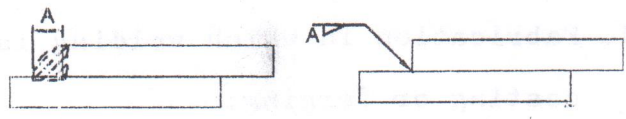


40° double - V

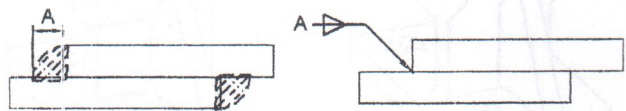


40° Double - Bevel

Fillet - Welding



Single - Fillet



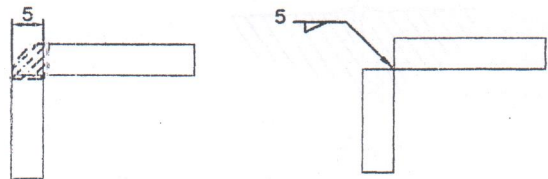
Double - Fillet



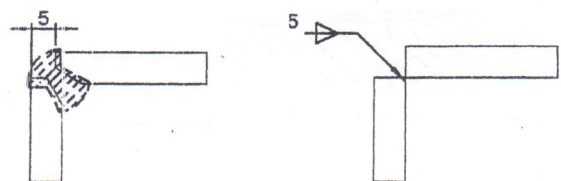
Single - Bevel



Double - Bevel



Single - Fillet



Double - Fillet