

Ques 2, What do you understand by gas welding and cutting?

Ans → Gas welding → Oxy-fuel gas welding means joining of two metals together by the heat of the flame produced by the gas. The edges to be joined have been melted and completely fused together so the original edge no longer exist and the two pieces of metal joins.

Gas Cutting → When iron or steel is heated to about  $800^{\circ}\text{C}$ , it will burn if brought into contact with oxygen. However, if a jet of pure oxygen is focused at the hot metal, the metal will burn through a narrow zone. Called a kerf.