Date ___/___ Page No. Answer 1 Adding Is to fungsten electrode unile improving are stability and starting and increasing electrone life. Like hiroconium. Sungeth lechodes nott essier Odding thorium increase the current carrying capacity & reduce the contamination of the rueld metal is supplied from filler shere are several bjacker in sletchion of filler of motal shielding gas believed to be welded Filler muse Design required lost treatment pregulatory specification a codes welding equipment welding position. GTAN is used by many industry for welding this morkpieces epecially Ron persons metals. GIAW is used more prequently to make 9:00t pase weld

Page No.: _ Date __/__/_ eas weld punitation look pass in any weld.

process For condant value of rurrent, thinner the diameter desper is the funtration and vice electrod diameter & 1 pendestion depth Since thinner electrode uncread the surrent density, hence their lectrode penetrale more. libet are methods is based on
the shiriple of insting low
reserved for unitating the arc so
high heat generation of form
electron melting during the initiation
for this surpose, an additional
source can be used to
highle the source can be used to
sprike the source between
the surpose and insting

Land current is called pilot arc.

"I succept believe that indians have the ability to compete with the bott in the world."-competent archive

Page No.' ____ Date ____/___/___ the sheilding of mollen met.

Sheeld gas such as cor under

heat, which can sheet recessiones to ensure a gas packets in welding and contamination of weld joint

Answer 2 In DC are welding approximetally For. Role & An DCEN, the positive pole is on the workpeice so, there is ligher lest generation on the work which result in most welding pendration, which is the distance fype of survent of polarily being weed. In this process, the are is automatically fled, netallie consumable electrode and ruelding job in an atmosphere of INER + GrAS. so it is done my by mixture of origin, origin, and co2 not only co2. Anifoldy there is low current and pre is thin. Increasing De are yone do a gresult perature electrical conductivity increases which in turn decrease the nollage.

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a shere oftens are better because it can rupture the onide layor present on the place surface. I melting point of Al is smalls near base plate.

Date ___/__/___

E) The touch methods of initiating the arc is normally rosed for surface en which the mobile arc is employed, whereas the touch method hising carton took black as scrap metal is used for GTA w process, so less prefered

chosins a smaller diameter electrode allows you to lower ap amperage to help control the heat a out of rosition welds the sheat challanges of overheat she can be minimize by mining lower amperage setting and manipulating the arc with a mean technique that helps make the weld kead wide and platter