Assignment 7

Due on 2020-03-16, 23:59 IST.

The due date for submitting this assignment has passed.
As per our records, you have not submitted this assignment.

1. The mass ingredient in a frittable based flux is, 
   
   TlF
   SnF
   AlF
   MgF

   No, the answer is incorrect.

   Accepted Answer(s):
   MgF
   SnF
   AlF
   TlF

   1 point

2. Staking of electrodes before shielded metal arc welding ensures
   proper heat treatment of electrodes
   sufficient current
   removal of moisture contamination
   improved corrosion

   No, the answer is incorrect.

   Correct Answer:
   removal of moisture contamination

   1 point

3. In shielded metal arc welding,
   fumes are absorbed externally to the weld pool
   electron core contains fumes
   automatic electrode feeding during welding is not possible
   electrode surface contains fumes

   No, the answer is incorrect.

   Correct Answer:
   electrode surface contains fumes

   1 point

4. 4 in self adjusted fine cored arc welding,
   shielding gas should be supplied externally.
   shielding gas is generated by the decomposition of fluxes.
   shielding gas is generated by the power source.
   composition air should be supplied as shielding gas

   No, the answer is incorrect.

   Correct Answer:
   shielding gas is generated by the decomposition of fluxes

   1 point

5. In cellulose flux containing electrodes, the generated shielding gas by the flux is
   hydrogen
   CO
   CO2
   All above

   No, the answer is incorrect.

   Accepted Answer(s):
   CO
   CO2
   All above

   1 point

6. One of the commercial sources of controlled deep short circuit welding is
   deep water welding
   spray transfer welding
   clam shell transfer welding
   coil feed transfer welding

   No, the answer is incorrect.

   Correct Answer(s):
   spray transfer welding
   coil feed transfer welding

   1 point

7. The following mode of stripless transfer is promoted in pulsed GMAW:
   droplet transfer
   spray transfer
   short arc transfer
   high frequency transfer

   No, the answer is incorrect.

   Accepted Answer(s):
   short arc transfer
   high frequency transfer

   1 point

8. For a gas layer view, as compared to constant current GMAW, a pulsed GMAW, spray transfer is achieved at
   lower mean current
   higher mean current
   same mean current
   same peak current

   No, the answer is incorrect.

   Correct Answer:
   lower mean current

   1 point

9. Self filling slags form ideal using
   inert gases
   CO2
   CO
   Ar

   No, the answer is incorrect.

   Accepted Answer(s):
   inert gases
   Ar

   1 point

10. The mass ingredient in a frittable based flux is, 

   MgF
   SnF
   AlF
   TlF