

### Manufacturing, Industrial and Maintenance Multiple Choice Questions with Answers Pdf

1. Cross wire welding is

- a. multi-spot welding process
- b. continuous spot welding process
- c. used to form mesh
- d. used where additional strength is desired

Ans: C

2. Metal deposited on to the work piece from the electrode

- a. is forced across the arc
- b. falls because of gravity
- c. is attracted towards the work piece due to the negative polarity of the work piece
- d. is attracted towards the work piece due to the negatively polarity of the work piece
- e. is attracted due to electromagnetic action

Ans: A

3. In arc welding operations the current value is decided by

- a. thickness of plate
- b. length of welded portion
- c. voltage across the arc
- d. speed of travel
- e. size of the electrode

Ans: E

4. Magnetic arc blow is

- a. a recent welding technique
- b. used to weld hard materials
- c. occurs when welding near equator
- d. of importance during striking of arc
- e. phenomenon of occurrence of splatter because of magnetic fields created in dc arc welding

Ans: E

5. Submerged arc welding is

- a. a process which uses a mixture of iron oxide and granular aluminium
- b. accomplished by maintaining a hot molten metal pool between plates
- c. a process in which arc is maintained under a blanket of flux
- d. all of the above

Ans: C

6. Distortion in welding occurs due to

- a. use of excessive current
- b. improper clamping methods
- c. use of wrong electrodes
- d. oxidation of weld pool
- e. improper composition of parent material

Ans: B

7. Filler metal is used in

- a. electric spot welding
- b. seam welding
- c. projection welding
- d. continuous welding

Ans: E

8. Weld spatter refers to

- a. welding electrode
- b. flux
- c. filler material
- d. welding defect
- e. shield

Ans: D

8. The following gas is used in tungsten inert gas welding process

- a. acetylene

- b. oxygen
- c. hydrogen
- d. argon
- e. helium

Ans: D

9. Acetylene gas is generated from

- a. carbon
- b. calcium
- c. calcium carbonate
- d. calcium chloride
- e. calcium carbide

Ans: E

10. Which of the following has the lowest melting point?

- a. brazing spelter
- b. copper
- c. soft solder
- d. silver solder
- e. aluminium

Ans: C