

Duration: 30 Mins

Total Marks: 17

ID: ITISKILL5558IZ

Student Name: _____ Roll No: _____

1. What is the angle of 'off set tip' electrode used in spot welding?

- A) 60 Degree B) 30 Degree
C) 50 Degree D) 40 Degree

2. Which is the process to attain full penetration of weld in 10 mm stainless steel?

- A) Laser beam B) Key hole plasma
C) Electron beam D) Micro plasma

3. What is the temperature in the weld area plasma arc welding process?

- A) 35,000 Degree K to 40,000 Degree K B) 30,000 Degree K to 35,000 Degree K
C) 15,000 Degree K to 20,000 Degree K D) 20,000 Degree K to 30,000 Degree K

4. Which gas is suitable for welding of stainless steel, nickel alloys by plasma arc welding?

- A) Hydrogen B) Helium
C) Neon D) Argon

5. Which welding process is used to weld stainless steel wire mesh and surgical instruments

- A) Plasma welding B) Micro plasma welding
C) Electro slag welding D) Electrode beam welding

6. Which welding process effects weld joints under heavy pressure, with supply cut off?

- A) Thermit welding B) Fusion welding
C) Flash-butt welding D) Spot welding

7. Which process is used to cut stainless steel metal?

- A) Plasma arc cutting process B) Micro plasma cutting process
C) Plasma cutting D) Key hole plasma process

8. Which resistance welding machine is provided with an electrode in wheel shape?

- A) Spot welding B) Projection welding
C) Flash butt welding D) Seam welding

9. What material is used to make electrode in spot welding?

- A) Iron electrode B) Copper alloy electrodes
C) Cast iron electrodes D) Silicon electrodes

10. What is the cause for nugget in spot welding process?

- A) Sufficient current B) Incorrect setting electrode
C) Insufficient heating of base metal D) Insufficient electrode diameter

11. Which electrode is movable in spot welding?

- A) Both not moved B) Upper electrode
C) Lower electrode D) Both moved

12. What is the current range in micro plasma arc welding process?

- A) 0.05 to 10 Amps B) 0.05 to 25 Amps
C) 0.05 to 15 Amps D) 0.05 to 20 Amps

13. Which welding process spot welding is belonging?

- A) Gas welding B) Arc welding
C) Jig welding D) Resistance welding

14. Which gas is suitable for welding of carbon steel and titanium by plasma arc welding process?

- A) Neon B) Argon
C) Helium D) CO₂

15. Which resistance welding process produces a bulge at weld joint?

- A) Seam B) Spot
C) Flash butt D) Projection

16. Which welding process where a 'nugget' is formed in the weld joint?

- A) Percussion welding B) Arc welding
C) Seam welding D) Spot welding

17. Which electrode is used in plasma arc welding?

- A) Mild steel B) Stainless steel
C) Tungsten D) Cast iron

