

Duration: 30 Mins

Total Marks: 17

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

- A) Helium
- B) CO₂
- C) Argon
- D) Neon

Answer: C) Argon

2. Which electrode is used in plasma arc welding?

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

Answer: D) Tungsten

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

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

Answer: C) Copper alloy electrodes

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

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

Answer: B) 15,000 Degree K to 20,000 Degree K

5. Which electrode is movable in spot welding?

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

Answer: C) Upper electrode

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

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

Answer: C) Flash butt

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

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

Answer: B) 0.05 to 15 Amps

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

- A) Micro plasma welding
- B) Electrode beam welding

- C) Electro slag welding
- D) Plasma welding

Answer: A) Micro plasma welding

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

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

Answer: A) Key hole plasma

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

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

Answer: C) Seam welding

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

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

Answer: D) Sufficient current

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

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

Answer: A) 30 Degree

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

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

Answer: C) Plasma arc cutting process

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

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

Answer: C) Hydrogen

15. Which welding process spot welding is belonging?

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

Answer: D) Resistance welding

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

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

Answer: A) Flash-butt welding

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

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

Answer: A) Spot welding
