

126/2015

Maximum : 100 marks

Time : 1 hour and 15 minutes

1. While soldering what action is applied on solder?
(A) Capillary action (B) Gravitational force
(C) Electromagnetic force (D) Magnetic action
2. Which one of these a pressure welding method?
(A) ARC welding (B) Gas welding
(C) Resistance welding (D) Thermit (fusion) welding
3. Which of the following is not an insulator?
(A) Gold (B) Glass
(C) Mica (D) Wood
4. Which type of fire extinguisher is used in a welding shop?
(A) Form type extinguisher (B) CO₂ extinguisher
(C) Dry powder extinguisher (D) Halon extinguisher
5. The term used to indicate amount of current flow in a circuit is called :
(A) Volt (B) Farad
(C) Ohm (D) Ampere
6. The depression formed at the end of the weld is named as :
(A) Pin hole (B) Crater
(C) Blowhole (D) Crack
7. The semicircular deposits on the weld head are called :
(A) Sealing run (B) Crater
(C) Reinforcement (D) Undercut
8. The angle formed between the line of the weld root and horizontal reference plane is called :
(A) Weld slop (B) Weld rotation
(C) Axis of the weld (D) Weld angle

9. Transferred arc process and non transferred arc process are the classification of _____ welding process.
- (A) Stud (B) Submerged arc
(C) Plasma (D) Friction
10. In _____ position the pipe in 45° Inclined and fixed and welding has been done in various positions.
- (A) 1G (B) 2G
(C) 5G (D) 6G
11. 212°C Fahrenheit is _____ ° centigrade.
- (A) 50°C (B) 25°C
(C) 100°C (D) 75°C
12. Name the simplest test which uses sound to know that there is a crack in a weld :
- (A) Stethoscopic (B) Ultra sonic
(C) Gamma ray test (D) X-ray test
13. Austenitic Stainless steel contains _____ % chromium.
- (A) 6 to 12 (B) 0.25 to 0.5
(C) 20 to 30 (D) 16 to 22
14. Which Instrument is used to mark straight line mark on base plate parallel to a plate edge?
- (A) Divider (B) Odd leg caliper
(C) Outside caliper (D) Inside caliper
15. Arc blow is found with welding of :
- (A) Bare electrode (B) Coated electrode
(C) Low hydrogen electrode (D) Heavy coated electrode
16. Lack of penetration is due to :
- (A) High current (B) Low current
(C) Short arc length (D) Too slow welding speed