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1. When filing soft metals, the file teeth are clogged with minute particles of metal. The file should be cleaned by

- (A) Washing it with water
- (B) Rubbing on wood
- (C) Washing it with dilute acid
- (D) Using file card

Answer: Option D

2. The process used to improve fatigue resistance of the metal by setting up compressive stresses in its surface, is known as

- (A) Hot piercing
 - (B) Extrusion
 - (C) Cold peening
 - (D) Cold heading
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3. Thermit welding is often used in

- (A) Replacing broken gear teeth
 - (B) Repairing broken shears
 - (C) Joining rails, truck frames and locomotive frames etc.
 - (D) All of the above
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4. The electron beam welding can be carried out in

- (A) Open air
 - (B) A shielded gas environment
 - (C) Vacuum
 - (D) A pressurized inert gas chamber
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5. An oxidising process used for aluminium and magnesium articles is called

- (A) Galvanizing
- (B) Anodizing
- (C) Parkerising
- (D) Sherardizing

6. The algebraic difference between the minimum limit and the basic size is called

- (A) Actual deviation
- (B) Upper deviation
- (C) Lower deviation
- (D) Fundamental deviation

7. Piercing is an operation of cutting

- (A) A cylindrical hole in a sheet of metal by the punch and the die
- (B) A hole (other than cylindrical) in a sheet of metal by the punch and the die
- (C) A flat sheet to the desired shape
- (D) A number of holes evenly spaced in a regular pattern on a sheet of metal

8. In _____ welding, the weld may be made either from left to right or from right to left.

- (A) Forehand
- (B) Backhand
- (C) Vertical
- (D) None of these

9. The temperature of oxy-hydrogen flame is _____ oxyacetylene flame.

- (A) Same as
- (B) Less than
- (C) More than
- (D) None of these

10. A moving mandrel is used in

- (A) Wire drawing
- (B) Tube drawing
- (C) Metal cutting



(D) Forging

Correct Answer

11. A rip saw



(A) Is a two man saw



(B) Is used for cutting along the grains of wood



(C) Has a narrow blade with two wooden handles



(D) All of the above

Correct Answer