

1. Fusibility is one of the properties of metal. Which metal has the highest melting point?  

|                                    |                                      |
|------------------------------------|--------------------------------------|
| <input type="radio"/> (A) Tungsten | <input type="radio"/> (B) Molybdenum |
| <input type="radio"/> (C) Vanadium | <input type="radio"/> (D) Chromium   |
2. Which process is similar to brazing but it gives a much stronger joint than the soldering?  

|                                   |                                   |
|-----------------------------------|-----------------------------------|
| <input type="radio"/> (A) Welding | <input type="radio"/> (B) Seaming |
| <input type="radio"/> (C) Hemming | <input type="radio"/> (D) Brazing |
3. What is the type of operation in cutting sheet metal with the help of a punch and die on power press?  

|                                    |                                    |
|------------------------------------|------------------------------------|
| <input type="radio"/> (A) Piercing | <input type="radio"/> (B) Shearing |
| <input type="radio"/> (C) Blanking | <input type="radio"/> (D) Punching |
4. Which is used in jacking and towing of heavy load and is a part of the item being lifted?  

|  |                                  |
|--|----------------------------------|
| <input type="radio"/> (A) Timber packing | <input type="radio"/> (B) Roller |
| <input type="radio"/> (C) Welded legs    | <input type="radio"/> (D) Wedge  |
5. What type of equipment is used in industries to collect dust, lint, wood shavings etc?  

|  |                                    |
|--|------------------------------------|
| <input type="radio"/> (A) Cyclone separator      | <input type="radio"/> (B) Cornices |
| <input type="radio"/> (C) Dust cyclone collector | <input type="radio"/> (D) Gutters  |
6. Which machine changes AC supply to DC supply in arc welding?  

|                                     |   |
|-------------------------------------|---|
| <input type="radio"/> (A) Blow pipe | <input type="radio"/> (B) Welding rectifier |
| <input type="radio"/> (C) None      | <input type="radio"/> (D) Transformer       |
7. Which number has the higher finished edge quality in water jet cutting?  

|                              |                              |
|------------------------------|------------------------------|
| <input type="radio"/> (A) Q3 | <input type="radio"/> (B) Q5 |
| <input type="radio"/> (C) Q4 | <input type="radio"/> (D) Q1 |

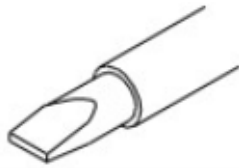
8.



What is the type of dolly?

- (A) Toe shaped dolly
- (B) Rounded and curved edge dolly
- (C) Flat iron shaped dolly
- (D) Heel shaped dolly

9.



What is the purpose of plastic sleeve fitted upto the tip of blade in screw driver?

- (A) Insulated for electrical work
- (B) Interchange the blade
- (C) Prevent against rusting
- (D) Protect from damage

10. What is the defect if fusion does not take place up to the root of the weld?

- (A) Under cut
- (B) Over lap
- (C) Lack of fusion
- (D) Lack of penetration

11. What is the ratio of copper, tin and zinc in Gun metal?

- (A) 88%, 10% and 2%
- (B) 68%, 20% and 12%
- (C) 58%, 25% and 17%
- (D) 78%, 15% and 7%

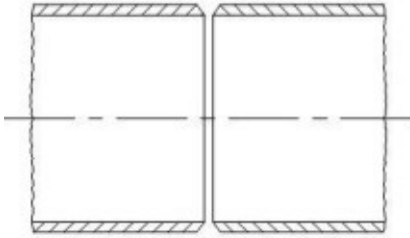
12. On which axis we do not work while make a drawing in 2D?

- (A) X
- (B) Z
- (C) WCS
- (D) Y

13. What is the type of inspection to find the fault in an any product before it finished?

- (A) Intermediary inspection
- (B) Inspection of mechanical intensity
- (C) Inspection of dimension
- (D) Quality inspection

1033.



What is the type of pipe joint?

- (A) Plain joint without liner
- (B) Gusset bend
- (C) Plain joint with liner
- (D) Bell and spigot joint

1034. Which coloured hose is used for oxygen cylinder?

- (A) Black
- (B) Maroon
- (C) Orange
- (D) Blue

1035. What is called, if a sheet metal edge is folded to 180° twice?

- (A) Double hem
- (B) Wiring
- (C) Stiffer
- (D) Single hem

1036. What is the pressure capacity (in psi) for two stage piston type compressor?

- (A) 5000
- (B) 500
- (C) 2500
- (D) 150

1037.



What is the term marked as 'X'?

- (A) Weld junction
- (B) Leg length
- (C) Reinforcement
- (D) Toe

1038. For slow movements and fine adjustments which type of screws are considered?
- (A) Differential Screw                      (B) Compound Screw  
(C) Hex Screw                                (D) Bladed Screw
1039. How many types of dovetail seam are there?
- (A) Three                                        (B) Four  
(C) Five                                         (D) Two
1040. What is the effect, if the hole is too large?
- (A) Gap between plates and weak joint    (B) Rivet tends to bend and deform  
(C) Plate surface damaged                    (D) Flash formed around head
1041. How many methods of edges stiffening done?
- (A) 7    (B) 8  
(C) 6    (D) 5
1042. Which machine is used to turn edges on circles and pipes?
- (A) Bench turning                              (B) Press brake  
(C) Nibbling                                      (D) Embossing