

1.	Fusibility is one of the properties of metal. Which metal has the highest melting point?							
	A	Tungsten	$\bigcirc$ B	Molybdenum				
	<u>C</u>	Vanadium	<b>D</b>	Chromium				
2.	Whic	Which process is a similar to brazing but it gives a much stronger joint than the soldering?						
	A	Welding	B	Seaming				
	<u>C</u>	Hemming	D	Brazing				
3.	What is the type of operation in cutting sheet metal with the help of a punch and die on power press?							
	A	Piercing	B	Shearing				
	<u>C</u>	Blanking	D	Punching				
4.	. Which is used in jacking and towing of heavy load and is a part of the item being lifted?							
	A	Timber packing	$\bigcirc$ B	Roller				
	C	Welded legs	D	Wedge				
5.	What type of equipment used in industries to collect dust, lint, wood shavings etc?							
	A	Cyclone separator	B	Cornices				
	C	Dust cyclone collector	D	Gutters				
6.	Which machine changes AC supply to DC supply in arc welding?							
	A	Blow pipe	B	Welding rectifier				
	<u>C</u>	None	D	Transformer				
7.	Which number has the higher finished edge quality in water jet cutting?							
	A	Q3	B	Q5				
	<b>(C)</b>	Q4	<b>D</b>	Q1				



8.

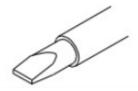


What is the type of dolly?

- (A) Toe shaped dolly
- C Flat iron shaped dolly

- B Rounded and curved edge 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

- 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

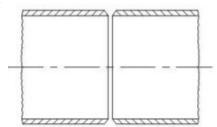
(c) wcs

(D) Y

Ζ

- 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 F
  - Reinforcement

D) Toe



1038.	For slow movements and fine adjustments which type of screws are considered?						
	A	Differential Screw	B	Compound Screw			
	<u>C</u>	Hex Screw	D	Bladed Screw			
1039.	. How many types of dovetail seam are there?						
	A	Three	$\bigcirc$ B	Four			
	<u>C</u>	Five	<b>D</b>	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			
	<b>(C)</b>	Plate surface damaged	<b>D</b>	Flash formed around head			
1041.	1. How many methods of edges stiffening done?						
	A	7	$\bigcirc$ B	8			
	<u>C</u>	6	<b>D</b>	5			
1042.	. Which machine is used to turn edges on circles and pipes?						
	A	Bench turning	$\bigcirc$ B	Press brake			
	<u>C</u>	Nibbling	D	Embossing			