Heavy Duty Equipment Technician



Goodluck!					
1.	. How to find the suitable size of starting motor cable?				
	A	By Current rating	B	By Voltage rating	
	\bigcirc	By Resistance rating	D	By Capacitance rating	
2.	Whic	h logic gate having the circuit connected wit	h swite	ches in series?	
	\bigcirc	OR gate	B	NOR gate	
	C	AND gate	\bigcirc	NAND gate	
3.	3. What are the combination of the gate is NAND gate?				
	\bigcirc	OR and NOT gate	B	AND and OR gate	
	\bigcirc	OR and NOR gate	D	AND and NOT gate	
4.	4. Which nut have three projecton to provide uniform contact on the surface?				
	\bigcirc	Hexagonal nut	B	Cap nut	
	C	Hexagonal weld nut	D	Hexagonal nut with collar	
5.	Whic	ch coolant used for sawing cast iron?			
	\bigcirc	Water	B	Air	
	\bigcirc	Kerosene	D	Soluble oil	
6.	6. Which angle determine the rake angle at the edge of the twist drill?				
	\bigcirc	Point angle	B	Clearance angle	
	C	Helix angle	\bigcirc	Chisel edge angle	
7.	Wha	t is the cutting angle of a standard drill?			
	\bigcirc	108 Degree	B	118 Degree	
	\bigcirc	180 Degreevv	\bigcirc	188 Degree	

	What is the name of the speed at which the drill cutting edge passes over the materials while drilling?			
\bigcirc	Cutting time	B	Cutting area	
\bigcirc	Cutting feed	D	Cutting speed	
Whi	ch locking device is used in the slotted nut?			
\bigcirc	Circlip	B	Plain washer	
C	Split pin	D	Bolt and chuck nut	
Whic	h device is used in hydraulic brake system?			
\bigcirc	Air tank	B	Master cylinder	
\bigcirc	Pressure gauge	D	Un loader cylinder	
Whic	h type of pump used in the hydraulic jack?			
\bigcirc	Gear pump	B	Plunger pump	
\bigcirc	Vane pump	D	Internal gear pump	
Whic	th act as a seal in the external gear pump?			
\bigcirc	Housing	B	Drive gear	
\bigcirc	Driver gear	D	Gear meshing	
by ig B say	niting a charge of ether inside the tire. Techn ys that he seats radial tire beads using	ician		
A	Technician B only	B	neither	
\bigcirc	both	\bigcirc	Technician A only	
		ng		
A	Only the positive sine wave passes through it.	B	Current is converted to AC.	
C	Current is blocked.	D	Current passes through it.	
	drillir (A) (C) Whit (A) (C) White (A) (C) White (A) (C) White (A) (C) White (A) (C) White (A) (C) White (A) (C) (C) (C) (C) (C) (C) (C) (C	 drilling? A Cutting time C Cutting feed Which locking device is used in the slotted nut? A Circlip Split pin Which device is used in hydraulic brake system? A Air tank Pressure gauge Which type of pump used in the hydraulic jack? A Gear pump Vane pump Vane pump Which act as a seal in the external gear pump? A Housing Driver gear Technician A says that he seats radial tire beads by igniting a charge of ether inside the tire. Techn B says that he seats radial tire beads using a metal ring inflation aid. Who is correct? Technician B only both When a diode is in reverse bias, what is happening to current flow through it? A Only the positive sine wave passes through it. 	drilling?B(A)Cutting time(B)(C)Cutting feed(D)Which locking device is used in the slotted nut?(A)(A)Circlip(B)(C)Split pin(D)Which device is used in hydraulic brake system?(A)(A)Air tank(B)(C)Pressure gauge(D)Which type of pump used in the hydraulic jack?(A)(A)Gear pump(D)Which act as a seal in the external gear pump?(D)(C)Vane pump(D)Which act as a seal in the seats radial tire beads(D)Which act as a seal in the seats radial tire beads(D)Which act as a seal in the seats radial tire beads(D)C)Driver gear(D)C)Driver gear(D)C)both(D)When a diode is in reverse bias, what is happening to current flow through it?(A)(A)Only the positive sine wave passes through it.(B)	

1028.	8. Which valve is be opened to bring down the load in the hydraulic jack?			
	A	Reliefvalve	B	Shut off valve
	\bigcirc	Non - return valve-1	D	Non - return valve-2
1029.	Whic	ch fastening device used to transmit the torque	ue fron	n the rotating shaft to wheel?
	A	Key	B	Circlip
	\bigcirc	Washer	D	Wire lock
1030.	Whic	ch angle of drill prevent the friction of tool be	ehind c	utting edge?
	\bigcirc	Point angle	B	Rake angle
	C	Clearance angle	D	Helix angle
1031.	Whi	ch type of drilling machine used to drill heav	y and]	large work pieces?
	\bigcirc	Pillar drilling machine	B	Radial drilling machine
	\bigcirc	Column drilling machine	\bigcirc	Sensitive bench drilling machine
1032.	Whic	ch is the case hardening process?		
	(\mathbf{A})	Tempering	B	Annealing
	\bigcirc	Normalising	D	Nitriding
1033.	Whi			
	VV 1110	ch one is the heat treatment process?		
	A	ch one is the heat treatment process? Riveting	B	Soldering
	AC	-	B D	Soldering Welding
1034.	A C	Riveting	D	Welding
1034.	A C	Riveting Normalising	D	Welding
1034.	A C	Riveting Normalising ch is the quenching media of alloy steel in ha		Welding g process?
	A C Whice A C	Riveting Normalising th is the quenching media of alloy steel in har Oil	D rdening B D	Welding g process? Compressed air
	A C Whice A C	Riveting Normalising ch is the quenching media of alloy steel in hat Oil Still air	D rdening B D	Welding g process? Compressed air

1036. Which gas cutting process is suitable for all position, location and under water?

\bigcirc	Gas cutting	В	Plasma cutting
\bigcirc	Manual cutting	D	Machine cutting

1037. Which marking media used to mark in the finished surfaces?

\bigcirc	White wash	B	Prussian blue
\bigcirc	Copper Sulphate	D	Cellulose lacquer