

Truck Trailer Service

Technician 310J

Goodluck!

1. Technician A says that he seats radial tire beads by igniting a charge of ether inside the tire. Technician B says that he seats radial tire beads using a metal ring inflation aid. Who is correct?

<input type="radio"/> (A) Technician B only	<input type="radio"/> (B) neither
<input type="radio"/> (C) both	<input type="radio"/> (D) Technician A only
2. When a diode is in reverse bias, what is happening to current flow through it?

<input type="radio"/> (A) Only the positive sine wave passes through it.	<input type="radio"/> (B) Current is converted to AC.
<input type="radio"/> (C) Current is blocked.	<input type="radio"/> (D) Current passes through it.
3. What specification(s) is normally used to rate hydraulic pump performance?

<input type="radio"/> (A) revolutions per minute (rpm)	<input type="radio"/> (B) pressure in psi
<input type="radio"/> (C) flow in gpm	<input type="radio"/> (D) all
4. Which of the following is a three-terminal device?

<input type="radio"/> (A) capacitor	<input type="radio"/> (B) diode
<input type="radio"/> (C) transistor	<input type="radio"/> (D) zener diode
5. What is the name the portion below the piston boss?

<input type="radio"/> (A) Crown of the piston	<input type="radio"/> (B) Ring section of the piston
<input type="radio"/> (C) Skirt of the piston	<input type="radio"/> (D) Land of the piston

6. A set of brake linings has become glazed because of oil saturation by a failed wheel seal. Technician A says that pressure washing the foundation brake components should be sufficient to remove the effects of the oil saturation. Technician B says that the best practice is to replace the brake linings on both wheels on the affected axle. Who is correct?
- (A) both (B) neither
(C) Technician B only (D) Technician A only
7. Which part of body is bleeding profusely is considered serious and need professional attention?
- (A) Leg of the human body (B) Wrist of the human body
(C) Knee of the human body (D) Thigh of the human body
8. Which type of service equipment used to hold the lifted vehicle for a long period?
- (A) Hoist (B) Arbor press
(C) Jack stand (D) Hydraulic jack
9. Which of the following could be a cause of poor clutch release?
- (A) worn clutch linkage (B) all
(C) damaged drive pins (D) worn release bearing
10. What will be the result of improper brake adjustment?
- (A) Steering wheel play (B) Wheel wobbling
(C) Vehicle pulling to one side (D) Hard steering
11. Which is the most preferred use of roller bearings?
- (A) Differential (B) Connecting rods
(C) Gear boxes (D) Fly wheel

1000. Which type of solenoid switch is used in starter motor?
- (A) Thermal (B) Electro magnetic
(C) Mechanical (D) Magnetic
1001. What is the term used to refer when a valve closes after BDC?
- (A) Lead (B) Advance
(C) Over lap (D) Lag
1002. Convert 500,000 linehaul miles to engine hours.
- (A) 50,000 (B) 10,000
(C) 5,000 (D) 100,000
1003. What force is used to turn a hydraulic motor?
- (A) hydraulic (B) diesel engine
(C) electrical (D) transmission
1004. What is the battery system used for heavy vehicles?
- (A) 24 volts (B) 6 volts
(C) Provide caution to the driver (D) 12 volts
1005. Which type of hand wrench is fastest for turning?
- (A) socket wrench and ratchet (B) box-end wrench
(C) combination wrench (D) open-end wrench
1006. What is the use of all hard hacksaw blade?
- (A) Fine cut (B) Curved cut
(C) Straight cut (D) Rough cut
1007. What is the material of cylinder block?
- (A) Cast iron (B) Brass
(C) Bronze (D) Zinc alloy

1008. Which helps engine at high altitudes where the density of air is less?
- (A) Air cleaner (B) Impeller type exhauster
(C) Vane type exhauster (D) Turbo charger
1009. What causes abnormal tyre wear, tyre slip and poor steering stability?
- (A) Incorrect toe - in and toe - out (B) Presence of air in the break fluid
(C) Front axle bend/twist (D) Malfunctioning of torsion bar
1010. What is the disadvantage of liquid penetration testing?
- (A) Can be applied only on nonferrous materials (B) Large surface area measured with low cost
(C) Low initial investment cost (D) Complex shapes can be inspected
1011. Which fuel related with cetane number?
- (A) Coal (B) Petrol
(C) Diesel (D) Kerosene
1012. Which type of spring will have good load carrying capacity and do not have noise in the suspension system?
- (A) Monoleaf springs (B) Multiple - leaf spring
(C) Coil spring (D) Fibre composite springs
1013. Which component increase the pressure in the hydraulic system?
- (A) Cylinder (B) Reservoir
(C) Control valve (D) Oil pump