

Duration: 30 Mins

Total Marks: 10

ID: ITISKILL9504SR

Student Name: _____

Roll No: _____

1. Which type of NDT method used ferrous particles are applied to the area between the poles?

- A) Electro magnetic yoke testing
B) Liquid penetrate testing
C) Radiographic testing
D) Ultra sonic testing

2. Which type of pump used in the hydraulic jack?

- A) Gear pump
B) Plunger pump
C) Internal gear pump
D) Vane pump

3. Which device converts hydraulic energy into mechanical energy?

- A) Actuator
B) Compressor
C) Regulator
D) Control Valve

4. What the function of brake valve in the pneumatic brake system?

- A) Maintain air pressure in the tank
B) Allow the air pressure to the system
C) Allow air pressure to pressure gauge
D) Release the air to the atmosphere

5. Which law is applied in hydraulic brake system?

- A) Pascal's law
B) Newton's law
C) Boyle's law
D) Charles law

6. Which device converts mechanical into pneumatic energy?

- A) Alternation
B) Generator
C) Compressor
D) Actuator

7. Which is the power source of the pneumatic system?

- A) Control value
B) Air Service unit
C) Actuator
D) Air Compressor

8. Which act as a seal in the external gear pump?

- A) Housing
B) Gear meshing
C) Driver gear
D) Drive gear

9. Which part in the internal gear pump act as seal?

- A) Gasket
B) Gears
C) Sealing ring
D) Crescent-shaped spacer

10. Which type of clutch system used in the slave cylinder?

- A) Vacuum clutch
B) Hydraulic clutch
C) Electro magnetic clutch
D) Over running clutch