

Duration: 30 Mins

Total Marks: 10

Q.ID: ITISKILL9504SR

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

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

Answer: D) Plunger pump

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

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

Answer: B) Allow the air pressure to the system

3. Which device converts mechanical into pneumatic energy?

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

Answer: D) Compressor

4. Which law is applied in hydraulic brake system?

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

Answer: B) Pascal's law

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

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

Answer: C) Electro magnetic yoke testing

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

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

Answer: C) Crescent-shaped spacer

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

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

Answer: C) Hydraulic clutch

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

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

Answer: A) Gear meshing

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

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

Answer: B) Air Compressor

10. Which device converts hydraulic energy into mechanical energy?

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

Answer: A) Actuator