1. Pascal's Law simply stated, says this:
   A. Bodies in motion tend to stay in motion.
   B. Pressure applied on a confined fluid is transmitted in all directions with equal force.
   C. Energy can not be created or destroyed
   D. If flow rate of a fluid is increased the pressure is decreased.

2. Which of the following is not an expression of atmospheric pressure at sea level?
   A. 0 psig
   B. 14.7 psia
   C. 34 in. Hg
   D. 1.01 bar

3. When particles are moving through a pipe in straight parallel flow path it is called:
   A. Venturi flow
   B. Laminar flow
   C. Bernoulli flow
   D. Turbulent flow

4. A pilot, or sensing line is drawn as:
   A. Solid line
   B. Dotted line
   C. Long dash line
   D. Short dash line

5. Full film lubrication means:
   A. Moving metal parts are held completely apart
   B. Surfaces of moving parts can contact one another.
   C. Stationary parts are floating on oil.
   D. Moving parts are full of oil.
6. The most common method of measuring viscosity is by timing how long it takes to go through a capillary tube. What is this called?
   A. Absolute Viscosity
   B. Kinematic Viscosity
   C. SUS Viscosity
   D. SAE Viscosity

7. The pour point of a fluid should be:
   A. 10
   B. 20
   C. 10
   D. 20
   F. below the lowest ambient temperature to be encountered

8. Which type of fluid would not be used with neoprene seals
   A. Petroleum oils
   B. Vegetable oils
   C. Synthetic oils
   D. High Water based oils

9. Vegetable oils are also called _____________ oils because they are biodegradable.

10. What is one method of measuring relative viscosity
    __________________________________________________________

11. What are two methods of measuring flow?
    A. ________________________________
    B. ________________________________

12. What are two numbering systems used to identify oils?
    A. ________________________________
    B. ________________________________

13. A hydraulic pump creates__________________________.

14. What does a line drawn to the bottom of the symbol of a reservoir mean
    ___________________________________________________________________
15. Why isn’t the compressibility of oil a concern in ag systems?

16. What is the flash point of a fluid?

17. What are three advantages of hydraulic systems over other power transmission methods?
   
   A. ___________________________________________________
   
   B. ___________________________________________________
   
   C. ___________________________________________________

18. What is cavitation?