

1. When calculating net pump pressure from draft, which of the following must be factored in?
  - A. discharge hose friction loss
  - B. intake hose friction loss
  - C. diameter of discharge hose
  - D. length of discharge hose
  
2. Technician A says: A governor is used to control pump pressure by controlling engine speed. Technician B says: A governor controls pump pressure by bypassing water from discharge to the intake. Who is correct?
  - A. Technician A
  - B. Technician B
  - C. Both A and B
  - D. Neither A nor B
  
3. Many power operated transfer valves can be operated at pressures exceeding \_\_\_\_\_ psi. However, extreme pressures can present danger to personnel and equipment. Therefore, for safety reasons, the transfer valve should be operated at \_\_\_\_\_ psi.
  - A. 200, 100
  - B. 300, 100
  - C. 300, 50
  - D. 200, 50
  
4. According to NFPA 1911, the \_\_\_\_\_ is responsible for developing and implementing the schedule for fire pump service and maintenance?
  - A. manufacturer
  - B. operator
  - C. authority having jurisdiction
  - D. testing company
  
5. According to NFPA 1911, which of the following deficiencies is not an out-of-service criteria?
  - A. pump that will not engage
  - B. foam system does not operate
  - C. pump transmission components have a class 3 leak
  - D. pump operator engine speed advancement interlock that is not operational