

1. When a pump discharges into a vessel operating at 300 kPa, the 300 kPa is referred to as:
  - a. dynamic head
  - b. equivalent head
  - c. discharge head
  - d. friction head
  - e. total head
  
2. When a reciprocating pump discharges while its piston or plunger moves in only one direction, it is termed a:
  - a. positive displacement unit
  - b. single acting unit
  - c. dynamic unit
  - d. double acting unit
  - e. duplex unit
  
3. When a reciprocating pump discharges while its piston or plunger moves in one direction, it is termed a:
  - a. positive displacement unit
  - b. single acting unit
  - c. dynamic unit
  - d. double acting unit
  - e. duplex unit
  
4. When starting-up a rotary pump you must make sure that the:
  - a. discharge valve is closed
  - b. discharge valve is open
  - c. pump is filled with air
  - d. pump is at the correct temperature
  - e. pump suction valve is closed
  
5. The type of valve used to control the direction of flow is:
  - a. ball valve
  - b. gate valve
  - c. globe valve
  - d. needle valve
  - e. none of the above

Answers; 1=e ,2=b ,3= b,4=b ,5=3