



College of Engineering & Technology

Department: Mechanical Engineering
 Lecturer: Dr. Rola Afify
 Course Code: ME464

Marks: 20
 Time: 8:30 - 10:00
 Date: 4/5/2016

20

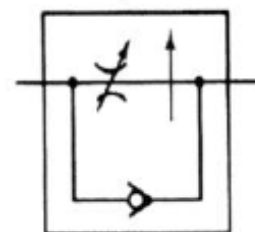
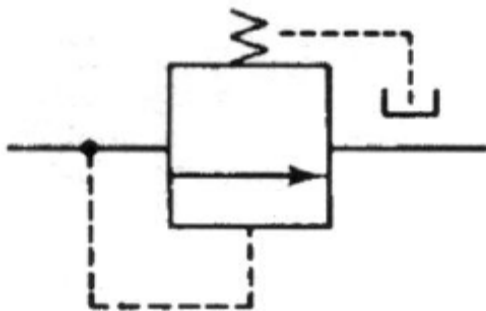
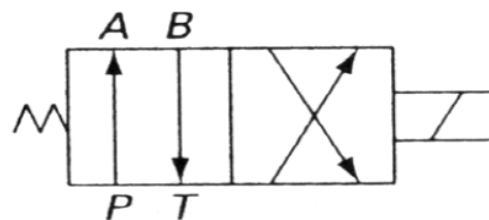
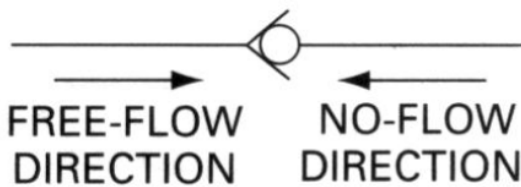
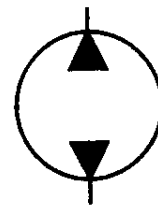
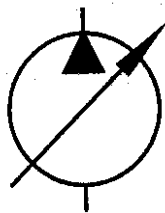
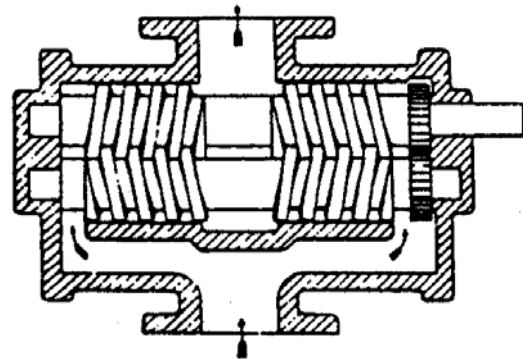
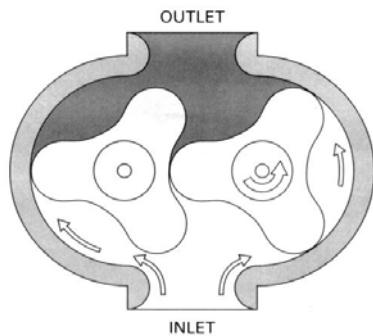
Name: _____

R.N.: _____

Answer the following questions:

Question one (8 marks)

Write down the words that represent the name of each of the following:



Question two (6 marks)

a) What is the function of:-
Check Valve

Relief valve

Needle Valve

b) Prove that Pumps Do Not Pump Pressure, instead they produce Fluid Flow.

Question three (6 marks)

Compare between Vane Pump and Radial Piston Pump