



## College of Engineering & Technology

Department: Mechanical Engineering

Marks: 15

Lecturer: Dr. Rola Afify

Time: 1.15 - 2.00

Course Code: ME464

Date: 19/3/2013

Name: Model Answer

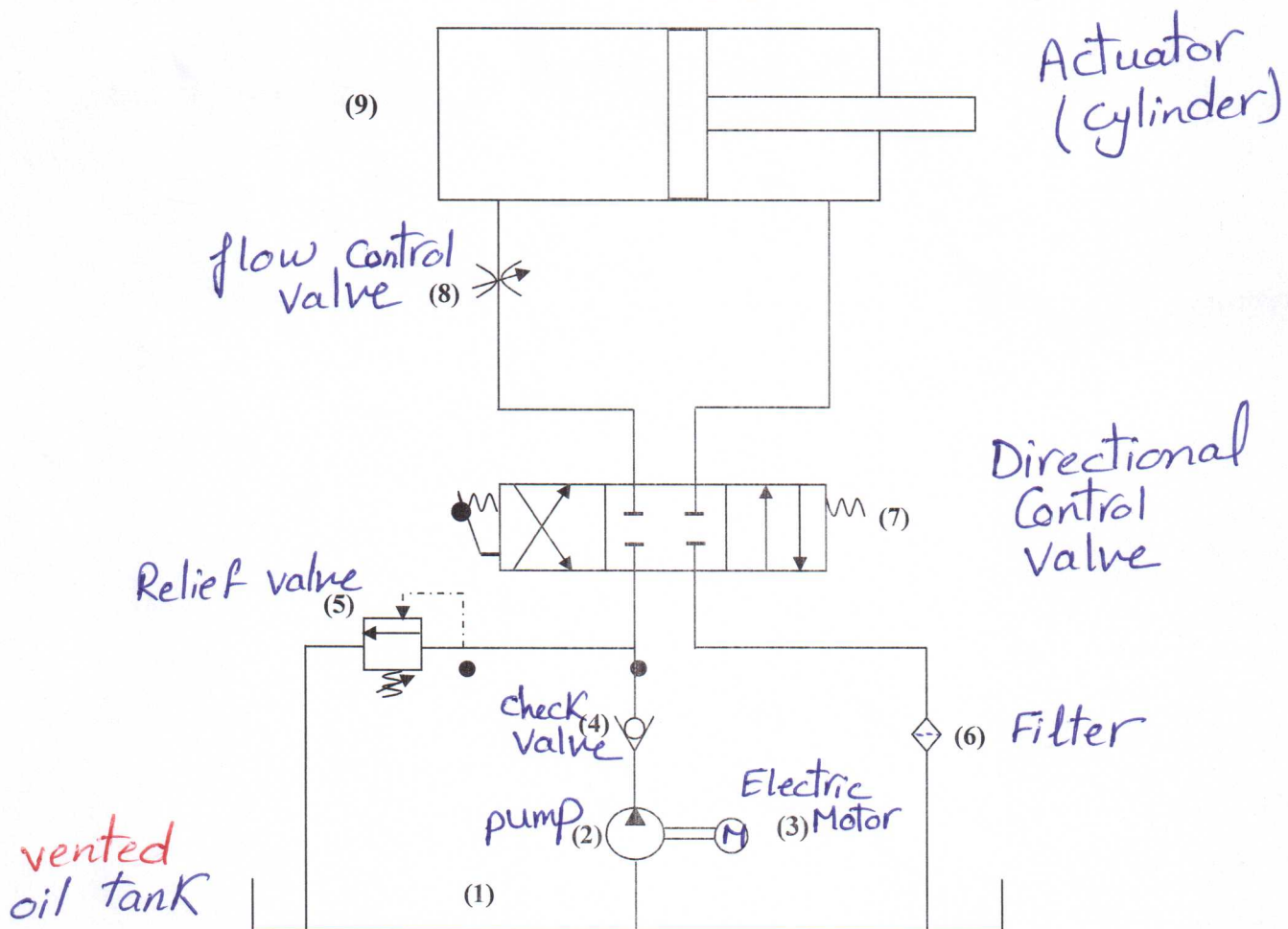
Answer the following questions:

Question one (2 marks)

Define Fluid Power. *It is the technology that deals with generation, control and transmission of power using pressurized fluids.*

Question two (9 marks)

Write the name of each component in the following Hydraulic circuit



Question three (4 marks)

What are the functions of an Oil tank?

- ① storing oil.
- ② Cooling oil.
- ③ separation of air from oil.
- ④ Draining of impurities from the bottom of tank.

Good Luck 1/1