

# THAPAR POLYTECHNIC COLLEGE, PATIALA

## ASSIGNMENT 3 (Session: Jan-May 2020)

### HYDRAULICS AND PNEUMATICS

Q1. Describe in detail working of different types of Air compressors.

Q2. Discuss working and necessity of the following in pneumatic circuit

- a. Air filter,
- b. Regulator and
- c. Lubricator

Q3. Explain the working of the following Air cylinders with diagram

- a. Single acting,
- b. Double acting and
- c. Diaphragm type