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**Lukhdhiraji Engineering College**

**Mechanical Engineering Department**

Subject: Oil Hydraulic and Pneumatics

Code: 3151913

Semester: **5th Mechanical**

Faculty: Prof. H. D. PATEL, Prof. A.B KHANT

**Assignment-2: Valves used in hydraulic and pneumatic system**

List of Questions:

1. What is direction control valve? Draw symbols of different direction control valve with application.
2. Explain working of flow control valve.
3. Explain working of pressure control valve.
4. Explain different non return valves used in hydraulic and pneumatic system.
5. Explain construction and working of 4/3 direction control valve with neat sketch.
6. Write short note on spool type valve.
7. Discuss selection criteria of valve for circuits.
8. Discuss the control technique used in DCV