

**BE (Chemical +MBA+FT) Eighth Semester**

**Process Instrumentation**

**First Periodical**

Time: 60 mins

M: M-25

1. Describe the construction and working principle of Bourdon tube pressure gauge with appropriate figure. (8)
2. Name some vacuum measurement instruments. Explain liquid seal in detail. (8)
3. What are the methods used for the measurement of humidity? Explain any one of them. (7)
4. Differentiate between static and dynamic characteristics. (2)