

T.E. (Chemical Engg.)
PROCESS INSTRUMENTATION AND CONTROL
(Semester - II)

1. Explain with diagram, construction and working of Rota meter with its industrial application.
2. How level can be measured using radioactive transducers? Draw neat sketch and explain in detail.
3. Write short notes on: Sight glass method
4. Explain classification of flow measuring instruments.
5. Write short notes on: Refractometry
6. Describe with neat diagram: Gas chromatography
7. Give classification of process variable with respect to process control.
8. State the difference between first order and second order system.
9. What are servo and regulatory operation?
10. With the help of block diagram explain working of feedback control system.
11. Explain with equation, different control actions.
12. Explain with diagram, construction and working of ultrasonic level measurement method.
13. Write short notes on: Liquid chromatography
14. Write short notes on: Air Purge Method
15. Write short notes on: HPLC