

ASSIGNMENT: 1

INTRODUCTION TO CONTROL SYSTEM

- (1) Give one example of an open loop stable system and open loop unstable system. Explain about stability of the system.
- (2) Write two brief short notes on open loop control systems and closed loop control systems with the help of neat block diagrams. Explain role of each of the blocks. Give some suitable real life examples of both types of systems. Discuss their advantages and disadvantages
- (3) Explain the difference between Open loop and Close loop control system with examples. Compare their merits and demerits.
- (4) Derive the transfer function for armature controlled DC motor.

