Hardware Experiments Report Contents

1- **Experiment NAME** on the cover page with your names and ID's
2- Objectives. (1 marks)
3- Introduction. (1 marks)
4- Plot of the open loop step response, from CASSY system. (1 marks)
5- Transfer Function deduced; **SHOW** calculations. (4 marks)
6- Plot of the 2-position controller response, from CASSY system. (2 marks)
7- Figure of SIMULINK for 2-position setup. (1 marks)
8- Plot of the SIMULINK response above. (1 marks)
9- Figure of the PID controller setup connections. (Use **PAINT** in Windows to do the connections. **DON'T** use pencils or pens) (4 marks)
10- Plot of the PID controller response, from CASSY system. (2 marks)
11- Figure of SIMULINK for PID setup. (1 marks)
12- Plot of the SIMULINK response above. (2 marks)
13- Keep the papers in the **CORRECT** order of the steps above.

For the C-programming experiment you must include, in addition to 1, 2 and 3 above, the flow chart and the code after making any necessary modifications.