2ND TERM PHYSICS PRACTICAL EXAMINATION

CLASS: SS1 TIME: 2HRS 30MIN

1. You are provided with a measuring cylinder, two different tins labelled C and D, thermometer and other necessary materials
2. Use the measuring cylinder provided to measure 100cm³ of water and pour it into the tin labelled C,
3. Heat the water in the tin almost to boiling (90⁰C )
4. Remove the tin and place it on a wooden stand
5. Insert the thermometer into the tin and record the temperature of water every minute starting from 85⁰C to 60⁰C
6. Repeat the experiment with the tin labelled D using the volume of water and temperature scale
7. Tabulate your readings

b. Explain how heat losses are minimized in a vacuum flask. Diagram necessary