Experiment 6.5 Marking key

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| **Experiment write up** | **Marks** |
| Complete Aim, materials, diagram and method from book | 1 |
| Table 1 complete | 1 |
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| **Post lab Discussion** |  |
| Q1 – graph  F over IL graph  Plot points  Line of Best fit  Units on axis | 1  1  1  1 |
| Q2 –  Explain and identify that in order to find B, a F over IL graph is required |  |
| Q3 –  Determine gradient  Draw Triangle  2 arbitrary points chosen for gradient  Correct unit | 1  1  1  1 |
| Q4 –  identify the gradient is the B | 1 |
| Q5 –  Identified at least 3 major sources of uncertainty | 3 |
| Q6 –  Calculate uncertainty from the sources noted above  Add the uncertainty together | 3  1 |