**EXPERIMENT 5**

**POTENTIOMETER -1**

**Day & Date:**

Aim: To compare the emf’s of two primary cells using potentiometer

Theory:

 E1/E2 = l1/l2

CIRCUIT DIAGRAM:

OBSERVATIONS:

|  |  |  |  |
| --- | --- | --- | --- |
| Sl. No. | Balancing length for Leclanche cell (l1) cm | Balancing length for Daniel cell (l2) cm | Ratio E1/E2 = l1/l2 |
| 01 |  |  |  |
| 02 |  |  |  |
| 03 |  |  |  |
| 04 |  |  |  |
| 05 |  |  |  |

Result:

The ratio of the given primary cells =