**UNIVERSITY OF GAZİANTEP**

**DEPARTMENT OF ENGINEERING PHYSICS**

**EP 436 ENGİNEERİNG PHYSICS LABORATORY – II**

**Exp 5: Statistics of Counting**

**Name-Surname:**

**Student ID:**

**Submission Date:**

**DATA SHEET**

**Table 1:** Experimental values of statistic of counting

|  |  |  |  |
| --- | --- | --- | --- |
| **Distance r from the source (cm)** | **n** |  |  |
| 1 | 74 |  |  |
| 2 | 78 |  |  |
| 3 | 78 |  |  |
| 4 | 98 |  |  |
| 5 | 85 |  |  |
| 6 | 60 |  |  |
| 7 | 76 |  |  |
| 8 | 82 |  |  |
| 9 | 70 |  |  |
| 10 | 78 |  |  |

**Calculations:**

* Fill in the blanks in Table 1.
* Calculate ,and S
* Give information about units of radiation