***Vidya College of Engineering***

**NHU-601 INDUSTRIAL MANAGEMENT**

**ASSIGNMENT-4**

**Answer the following questions:-**

* 1. What is **Statistical Quality Control?** What are the varioustechniques of **Statistical Quality Control?**
  2. Define **Total Quality Management** & describe its elements.
  3. What are **Control Charts**? State the purpose and advantages of control charts.
  4. Draw C chart from the following data:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| S.N | No. of defects | S.N | No. of defects | S.N | No. of defects |
| 1 | 13 | 8 | 0 | 15 | 1 |
| 2 | 9 | 9 | 2 |
| 3 | 19 | 10 | 5 |
| 4 | 7 | 11 | 7 |
| 5 | 8 | 12 | 11 |
| 6 | 10 | 13 | 9 |
| 7 | 12 | 14 | 13 |