|  |  |  |
| --- | --- | --- |
| **Part B** |  |  |

|  |  |  |
| --- | --- | --- |
| **Part B: The Input/Output Report Lab** | **Points** | **Description** |
| Report Construction | 10 | Using data provided to you, complete a table for the Report Construction. |
| Data Assessment | 10 | Using the data and table for the Report Construction, answer questions for the data assessment. |
| **Total** | 20 | A quality table will meet the above requirements, and a quality data assessment will meet or exceed the above requirements. |

**Situation**: The following table contains the input/output data at the end of Week 8 for a work center. The beginning backlog is 50 units.

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Week 1** | **Week 2** | **Week 3** | **Week 4** | **Week 5** | **Week 6** | **Week 7** | **Week 8** |
| **Planned Input** | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 |
| **Actual Input** | 68 | 70 | 75 | 70 | 68 | 60 | 55 | 55 |
| **Planned Output** | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 |
| **Actual Output** | 60 | 62 | 63 | 63 | 64 | 65 | 63 | 60 |

Use the data from the Situation Table above and complete an Input/Output Report. See the Lab Steps below for directions on how to set up your chart.

|  |  |  |
| --- | --- | --- |
|  | **L A B   S T E P S** |  |

|  |  |
| --- | --- |
| **STEP 1: Report Construction** |  |

Use the data from the Situation Table above and use this table for your answers.

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Week 1** | **Week 2** | **Week 3** | **Week 4** | **Week 5** | **Week 6** | **Week 7** | **Week 8** |
| **Planned Input** |  |  |  |  |  |  |  |  |
| **Actual Input** |  |  |  |  |  |  |  |  |
| **Cumulative Deviation** |  |  |  |  |  |  |  |  |
|  | **Week 1** | **Week 2** | **Week 3** | **Week 4** | **Week 5** | **Week 6** | **Week 7** | **Week 8** |
| **Planned Output** |  |  |  |  |  |  |  |  |
| **Actual Output** |  |  |  |  |  |  |  |  |
| **Cumulative Deviation** |  |  |  |  |  |  |  |  |
| **Actual Backlog** |  |  |  |  |  |  |  |  |

|  |  |
| --- | --- |
| **STEP 2: Data Assessment** |  |

1. What was the planned objective?
2. Was the planned objective met?
3. What recommendation(s) would you make?