**Problem 1**

**EOQ** – 405

**EOP** – 110

**ROT** – 18

For maximum financial benefit and storage space utilization, order **405** boxes of syringe each time the inventory drops to **110** (about every **18** days)

**Problem 2**

**EOQ** – 93

**EOP –** 55

**ROT –** 17

For maximum financial benefit and storage space utilization, order **93** boxes of red top tubeseach time the inventory drops to **55** (about every **17** days)

**Problem 3**

**EOQ –** 198

**EOP –** 493

**ROT** – 6

For maximum financial benefit and storage space utilization, order **198** packs of plates each time the inventory drops to **493** (about every **6** days)