**Assignment Questions**

**Production and Operation Management (MEC 801), Spring 2019**

**Course Outcomes:**

CO1: Illustrate knowledge of fundamental concepts about operations Managements.

CO2:Compare and categorize the knowledge of different approaches to operational performance improvement.

CO3: Appraise the ability to work effectively in a team and /or in group, and use of business tools.

CO4: Outline the various Japanese techniques for justify the knowledge and performance improvement in industrial cost control.

**CO1: Q.1. Illustrate the evaluation process of TQM of an organization.**

**CO3: Q.2. Explain the Edward Deming philosophy for Quality Management.**

**CO1: Q.3. Write down the short note on followings: (a) Juran (b) Kaizen (c) Kanban (d) Poke-Yoke, and (e) ISO.**

**CO3: Q.4. What are the various steps in forecasting? Explain the “Delphi method” using an example.**

**CO3: Q.5. Briefly Explain the different phases in product development Process.**

**CO4: Q.6. Illustrate the various factors affecting the Location Decision.**

**CO3: Q.7. Explain the high, medium and low volume scheduling of a manufacturing plant using a net sketch. Write down the difficulties obtain during scheduling.**

**CO4:Q.8.Why aggregate planning is essential in manufacturing process? Demonstrate the strategical approach require during aggregate planning.**