15.780, Fall 2021

Stochastic Models in Business Analytics

MAMD Case Preparation Questions

Due date: October 18, 2020 **before class**

Instructions:

1. Write your name and MIT ID on the homework.

2. Review the *Madurai Aavin Milk Dairy* (MAMD) case study. You can access in Study.net on Canvas.

3. Submit 1 file to Canvas, which is a PDF file with your answers.

4. **Late submissions will not be accepted for case preparation questions.**

5. **We are grading for understanding, not length. Your answers should not be more than 1 page long.**

Questions:

1. What are the different ways MAMD can use to produce premium milk?

2. What is the objective of MAMD?

3. What are the main challenges MAMD faces to achieve its goal?