**OM 305**

**Test 2 -Study Guide**

**as of 3/14/23**

The following types of problems will be on this test:

1. Find the shortest path between two nodes.

2. Calculate the indifference point (buy-make decision).

3. Approximate cost of transportation using the

 North-west Corner Rule.

4. Use the Center of Gravity method to identify the optimal

 location.

5. Calculate the expected completion time.

6. Factor based vendor selection

7. Calculate the probability of project completion using PERT.

8. Find the optimal distance using the “minimal spanning tree” method.

9. Location selection based on efficiency measures.

10. Use of the GANTT Chart