Test Prep for Unit 5 Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Integer Programming Minimization and Maximization

Create an excel file saved as **UNIT 5 Test Prep 1**

Minimum Value: \_\_\_\_

Optimal Soln: \_\_\_\_ \_\_\_\_

**B = Binding NB = Not Binding**

Constraint #1? B or NB

Constraint #2? B or NB

Constraint #3? B or NB

Constraint #4? B or NB

Constraint #5? B or NB

**Slack on:**

Constraint #1 \_\_\_\_\_\_\_\_\_

Constraint #2 \_\_\_\_\_\_\_\_\_

Constraint #3 \_\_\_\_\_\_\_\_\_

Constraint #4 \_\_\_\_\_\_\_\_\_

Constraint #5 \_\_\_\_\_\_\_\_\_

Minimum Value: \_\_\_\_

Optimal Soln: \_\_\_\_ \_\_\_\_

**B = Binding NB = Not Binding**

 *Circle one*

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Constraint #2? B or NB

Constraint #3? B or NB

**Slack on:**

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Constraint #2 \_\_\_\_\_\_\_\_\_

Constraint #3 \_\_\_\_\_\_\_\_\_

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Optimal Soln: \_\_\_\_ \_\_\_\_

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Maximum Value: \_\_\_\_

Optimal Soln: \_\_\_\_ \_\_\_\_

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Constraint #2 \_\_\_\_\_\_\_\_\_

Constraint #3 \_\_\_\_\_\_\_\_\_