Student Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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| CATEGORY | 4 | 3 | 2 | 1 |
| Solution to Problem | All 4 topics are clearly expressed and the explanation is creative and scientifically reasonable. | All 4 topics are expressed and the explanation is fairly creative and scientifically reasonable. | Less than 4 topics are expressed and the explanation is creative but not scientifically reasonable. | The solution to the problem is not expressed clearly. |
| Effectiveness of Solution | The method of determining the effectiveness of the solution is scientifically measurable. The data collected would be both reliable and valid. | The method of determining the effectiveness of the solution is measurable but data would not be reliable or valid. | The method of determining effectiveness of the solution is not measurable. | The method of determining effectiveness is not clearly expressed. |
| Feedback Loops | The description of feedback loops in diabetes patients is clearly stated and is scientifically correct. | The description of feedback loops in diabetes patients is stated and is somewhat scientifically correct. | The description of feedback loops in diabetes patients is stated but is scientifically incorrect. | The description of feedback loops is missing. |
| Protein Synthesis and Diabetes | The description of how protein synthesis relates to diabetes is clearly stated and is scientifically correct. | The description of how protein synthesis relates to diabetes is stated but is somewhat unclear. | The description of how protein synthesis relates to diabetes is stated but is scientifically incorrect. | The description of how protein synthesis relates to diabetes is missing. |
| Constraints to Solution | Two constraints are clearly expressed and are scientifically reasonable. | Two constraints are expressed and are somewhat scientifically reasonable. | One constraint is missing or the constraints are not scientifically reasonable. | Constraints to the solution are not stated. |
| Unintended Consequences | The unintended consequence is clearly stated and is scientifically reasonable. | The unintended consequence is stated and is somewhat scientifically reasonable. | The unintended consequence is not scientifically reasonable. | The unintended consequence is not stated. |
| Quality of Writing | The summary is well thought out, well written, easily read and clearly understandable. | The summary is somewhat thought out and well written but is, at times, difficult to read and understand. | The summary is not well thought out but is readable. It is often difficult to understand. | The summary is not well thought out and is difficult to understand. |