**Chapter 5: Data and Process Modeling**

After you have read Chapter 5, please answer the following questions (from p. 140).

| 1. Describe data and process modeling concepts and tools. |
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| Answer: |
| 2. Explain the differences between Gane and Sarson and Yourdon symbols.  Provide examples of symbols that represent processes, data flows, data stores, and entities. |
| Answer: |
| 3. What is the difference between a context diagram and diagram 0?  Which symbol is not used in a context diagram? |
| Answer: |
| 4. How would you explode DFDs? |
| Answer: |
| 5. Describe a data dictionary and list the types of information it contains. |
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| 6. How would you level DFDs? |
| Answer: |
| 7. How would you balance DFDs? |
| Answer: |
| 8. What is the purpose of decision tables?  How do you create them? |
| Answer: |
| 9. Why would a manager prefer a decision tree instead of a decision table? |
| Answer: |
| 10. What is structured English? |
| Answer: |

*Extra Credit: Test Questions*

Please suggest two questions that you think should be on the Chapter 5 Quiz.

| 1. |
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| Answer: |
| 2. |
| Answer: |