**Chapter 4: Requirements Modeling**

After you have read Chapter 4, please answer the following questions (from p. 140).

| 1. What five questions typically are used in fact-finding?  What other question does the Zachman Framework include?  Is the additional question important? |
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| Answer: |
| 2. What is a system requirement, and how are system requirements classified? |
| Answer: |
| 3. What are JAD and RAD, and how do they differ from traditional fact-finding methods?  What are the main advantages of team-based methods? |
| Answer: |
| 4. What is total cost of ownership (TCO)?  What costs often are underestimated? |
| Answer: |
| 5. Provide three examples each of closed-ended, open-ended, and range-of-response questions. |
| | Close-ended | 1. | | --- | --- | | 2. | | 3. | | Open-ended | 1. | | 2. | | 3. | | Range-of-response | 1. | | 2. | | 3. | |
| 6. What are three types of sampling?  Which one would you use to analyze data input errors? |
| Answer: |
| 7. What is the Hawthorne Effect?  Have you ever experienced it?  When and where? |
| Answer: |
| 8. What is a functional decomposition diagram (FDD)?  Why would you use one?  Explain how to create an FDD. |
| Answer: |
| 9. What are agile methods?  Are they better than traditional methods?  Why or why not? |
| Answer: |
| 10. To what three different audiences might you have to give a presentation?  How would the presentation differ for each?  Which one would be the most challenging for you? |
| Answer: |

*Extra Credit: Test Questions*

Please suggest two questions that you think should be on the Chapter 4 Quiz.

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