
Then answer the following questions.

**Chapter 1: Software construction**

1. How is McConnell’s book lop-sided? It only focuses on software _______________.

2. List three aspects of software engineering that are not covered in this book:
   _______________, ________________, and ________________.

3. Why is “programming” a better word than “coding”?

4. The ratio of the best to the worst programmer’s productivity on a team is approximately what?

5. List three reasons why software construction is so important.

**Chapter 2: Metaphors**

6. Fred Brooks says, “Plan to throw one away; you will anyhow.” What is a better way?

7. List one drawback of each of the following software metaphors:
   - Writing code: _________________________
   - Growing a system: _______________________

8. What software metaphor does McConnell advocate?

9. Who wrote the *Mythical Man Month*?

10. Whose breakthrough book pioneered incremental development?

11. List some similarities between building construction and software construction.

12. Like a good craftsman, a good programmer has a full mental ________________.