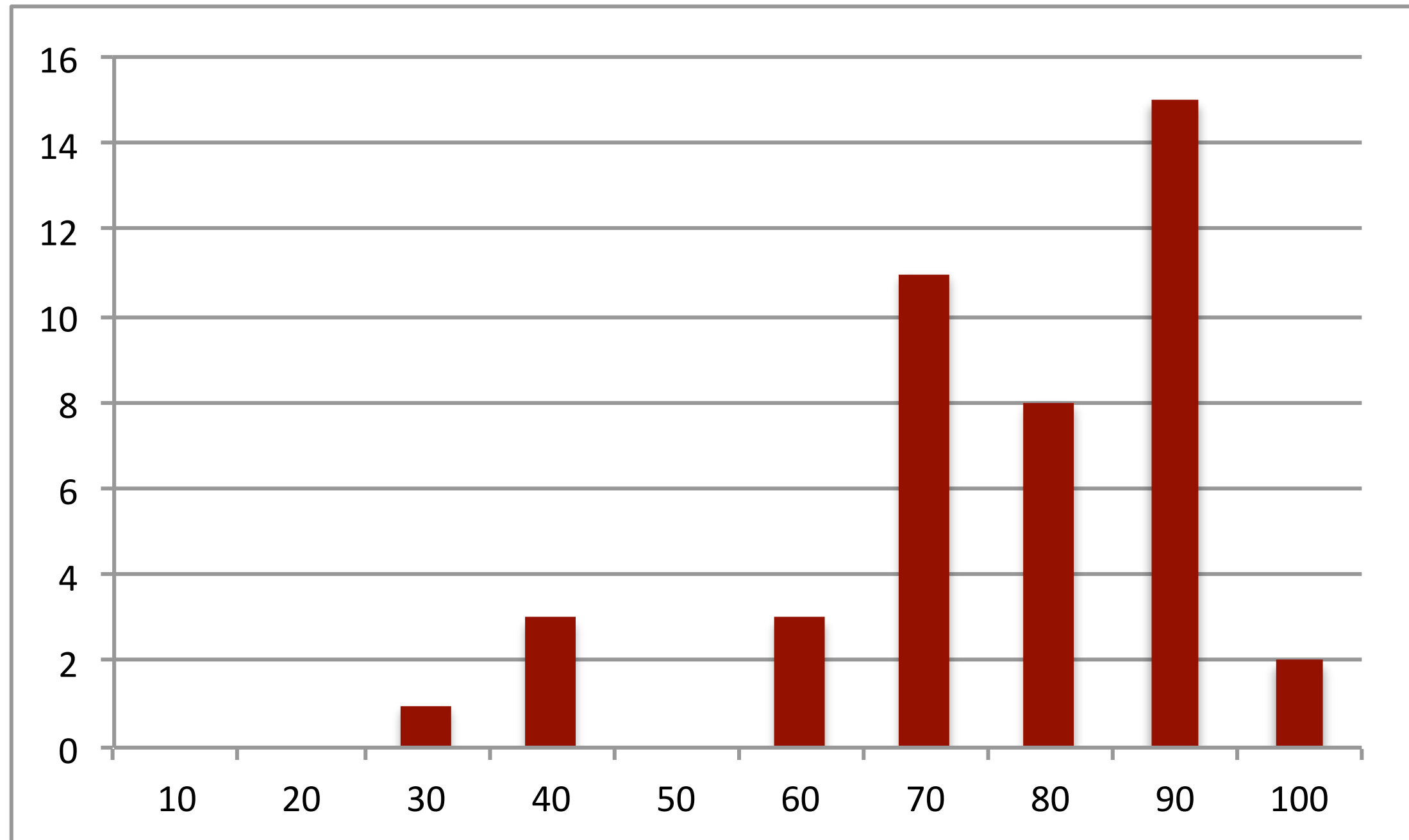


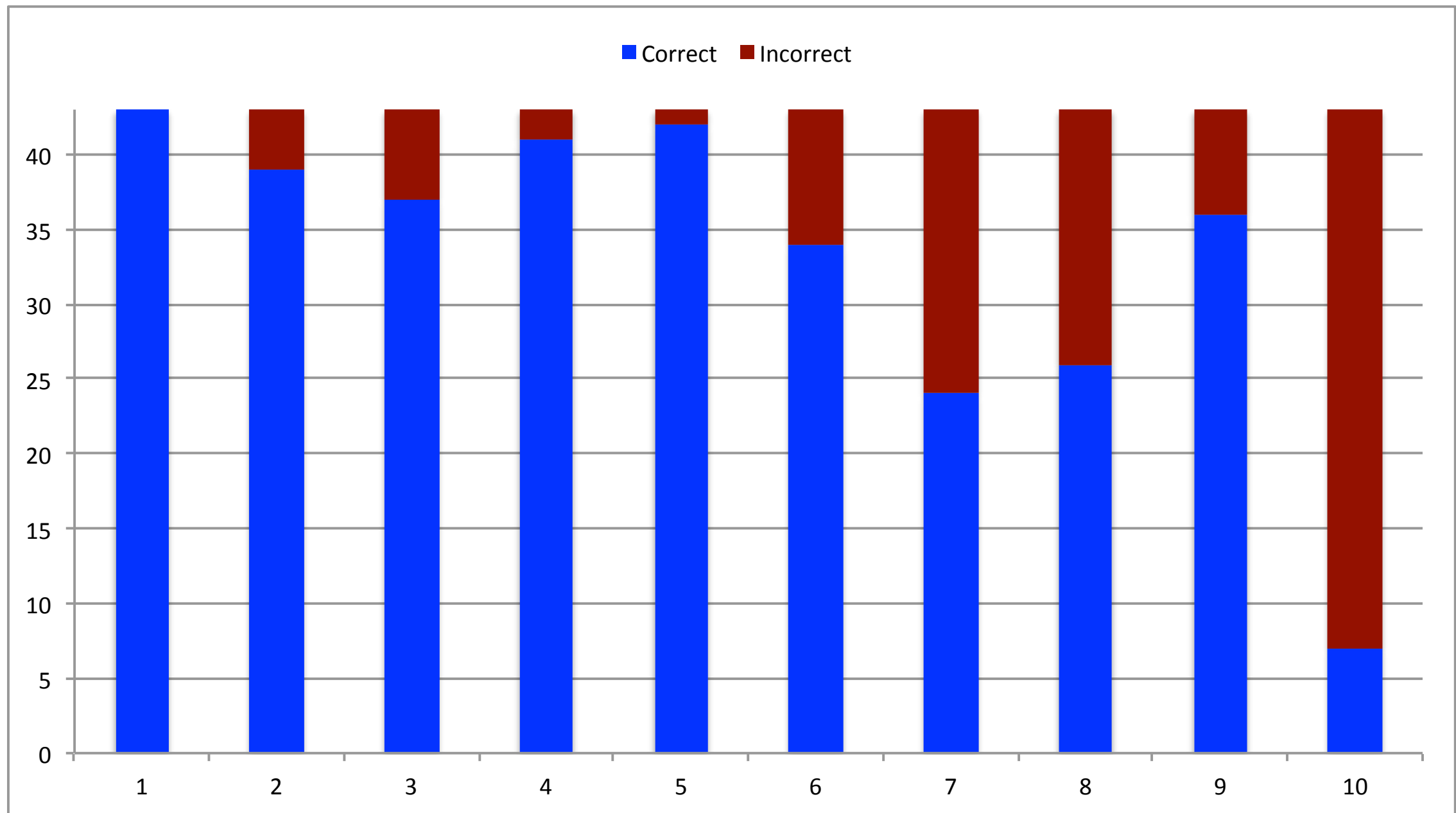
# Quiz I

- Participation: 43/44
- Average: 76.51
- Median: 80
- Standard Deviation: 16.27
- Min: 30
- Max: 100

# Quiz I

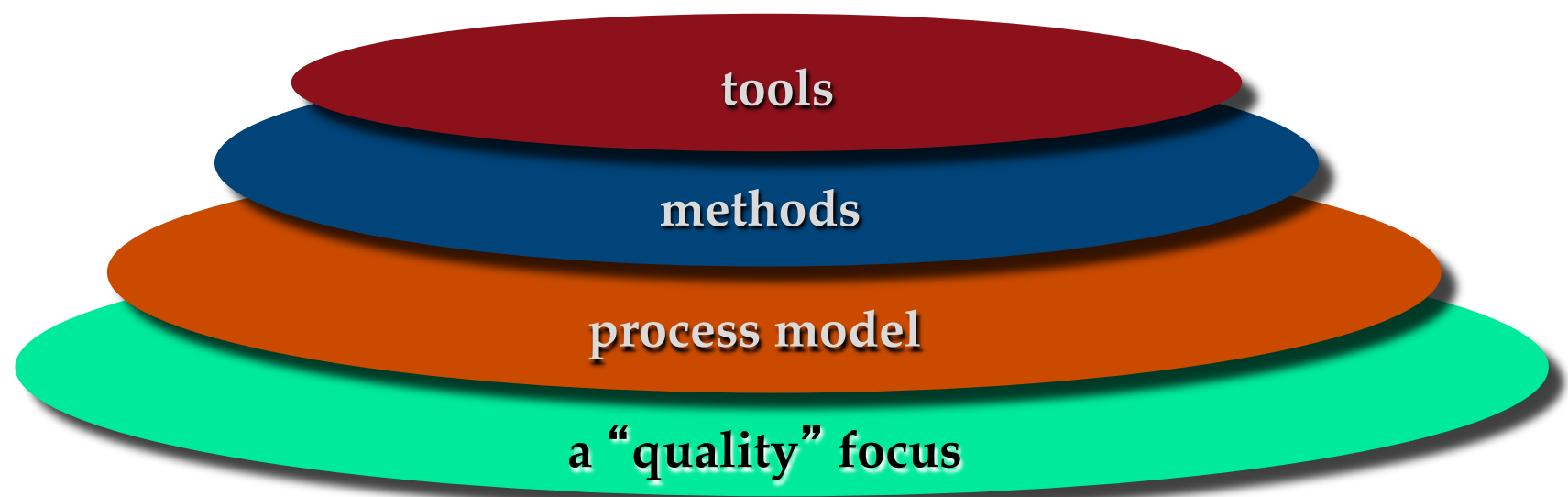


# Quiz I



## Quiz I - Q10

- © Which of the following is NOT part of the layered view of software engineering?
  - A. process
  - B. design
  - C. tools
  - D. methods



## Quiz I - Q7

- ◎ Which statement below about extreme programming is NOT correct?
  - A. Developers have customers involved to evaluate the software frequently
  - B. Software developers do refactoring frequently
  - C. Tests are usually designed before the actual software development
  - D. Software is carefully designed to accommodate possible future changes

# XP Core Practices - Simple Design

- ◎ Just in time
  - Design and implement what you know now, not worry too much about future: future is unpredictable
- ◎ No optimization for future
  - It is common that the optimization becomes unnecessary

Example: optimization to handle large input data, but later found the input changed (e.g., smaller format, or available in a summarized form)

## Quiz I - Q8

- ◎ Which software process model often uses specification verification?
  - A. Iterative model
  - B. Waterfall model
  - C. Prototype model
  - D. Extreme programming

# Specification Verification

- ◎ Verification can be done with techniques
  - Consistency checking  
No contradictions
  - Completeness checking  
All concepts are well defined
  - Formal verification of the above or other properties  
Usually require mathematical specification  
Model checking, automatic reasoning, ...
- ◎ Which software process model often use specification verification?  
Waterfall model