Exam 1 Review

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# Notes from Instructor

## Exam Questions

Primarily true/false, multiple choice, fill-in-the blank, matching questions

- may include a few discussion questions

- discussion questions require concise answers that are related to the question asked

- “extraneous” material may result in points off

Will include problems like assignments

# Midterm Topics

## Modern project management

## PMBOK

## Agile methods

## Defining the project (WBS)

## Estimating

# PowerPoint Review

## Admin

## Modern

## PMBOK

## Agile

### Manifesto

1. Values
   1. Individuals and interactions > processes and tools
   2. Working Software > comprehensive documentation
   3. Customer collaboration > contract negotiation
   4. Responding to change > following a plan
2. Principles
   1. Satisfy customer through:
      1. Early delivery
      2. Continuous delivery
   2. Welcome changing requirements
   3. Business people and developers working together
   4. Face to face conversation
   5. Working software measures progress
   6. Sustainable development
      1. Constant pace indefinitely
   7. Technical excellence and good design
   8. Simplicity
      1. Maximize the amount of work not done
   9. Self organizing teams
      1. Promotes best results
   10. Team reflects on how to be more effective
       1. Tunes and adjusts accordingly

### Methods

1. SCRUM
   1. Meeting players
      1. Product Owner
      2. ScrumMaster
      3. Scrum Development Team
   2. Pieces
      1. Product Backlog
      2. Sprint Backload
      3. Daily SCRUM
         1. 3 Questions
            1. What did you do since last SCRUM
            2. What got in your way?
            3. What are you going to do before the next SCRUM
      4. Potentially Shippable Product Increment

### Barriers

1. Customer
   1. Insists on big specification
2. Culture
   1. Requires long hours to prove commitment
3. Projects
   1. Require more than 10 programmers
4. Environment
   1. Long time for feedback
   2. Team members on different floors
5. Implementation
   1. We do “agile”, just not most/any of the practices

## Culture