Final Exam

Started: May 4 at 5:18pm

Quiz Instructions

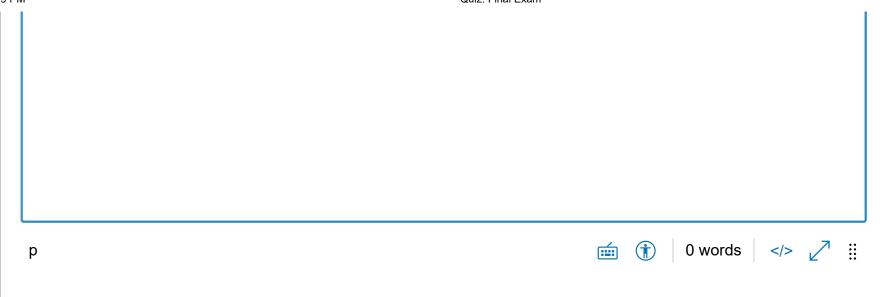
The final exam consists of three types of questions:

- 2 essay questions which require one or more paragraphs (20 points)
- 10 short answer questions which require one or more sentences (50 points)
- 20 True/False/multiple choice/matching questions (30 points)

Do NOT simply cut and paste material from the slides or any other source. You must express your answer in your own words for credit!

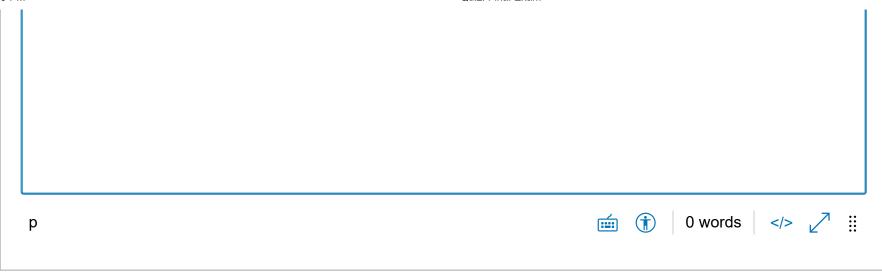
Question 1 10 pts

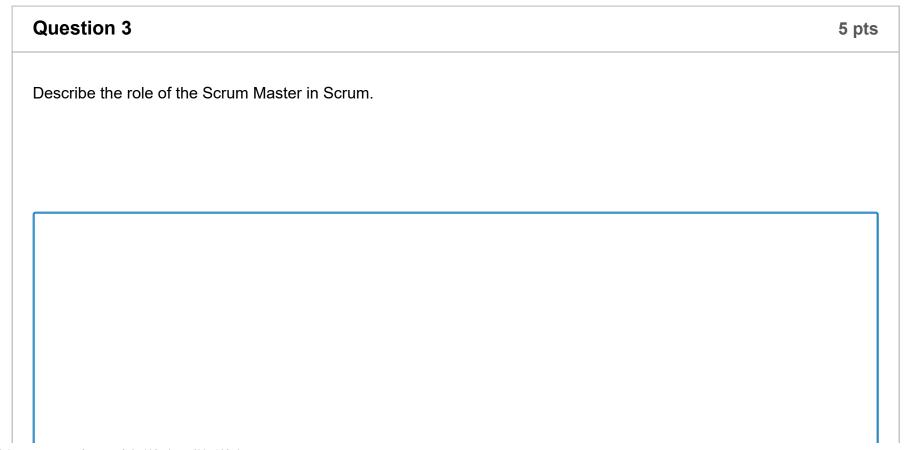
Compare and contrast planning in eXtreme Programming and Scaled Agile Framework. Describe what is planned in each method and who is involved in the planning. What types of projects are best suited for these two methods?



Question 2 10 pts

Is our guest speaker Dr. Sijie Zhang a Project Manager, or a Program Manager, or a Technical Program Manager, or a Product Manager, or a Product Owner? What is the difference between Product Manager and Product Owner? What does Product Manager do all day?







Question 4 5 pts Compare and contrast the Planning Game/Planning Poker from eXtreme Programming and Crystal Clear's Delphi Estimation?

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p



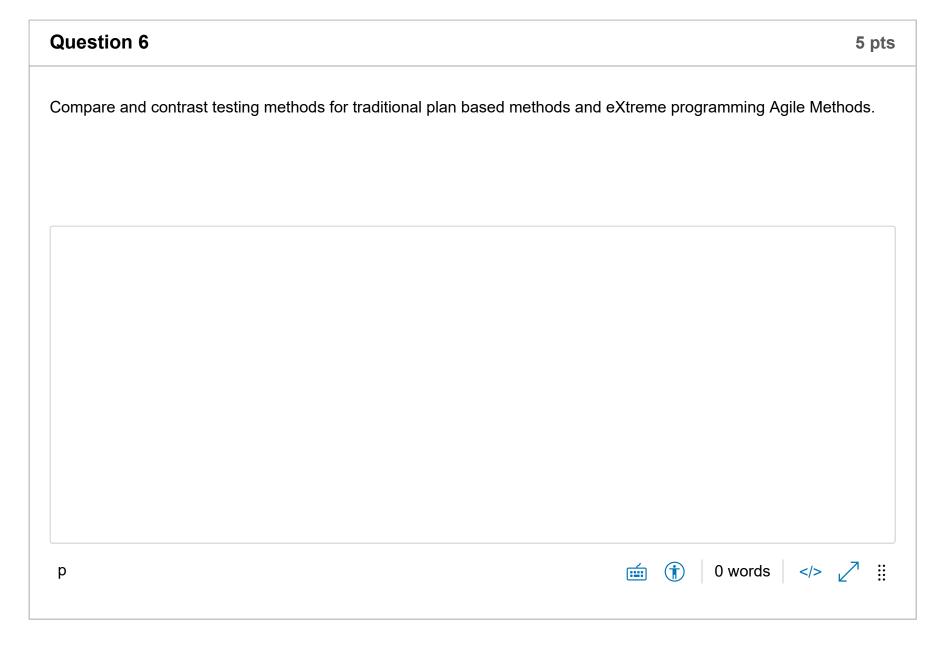


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Question 5 5 pts Describe two of the synergistic behaviors of pair programming. **★ (1) (2) (2) (3) (2) (3) (3) (4) (4) (4) (4) (5) (5) (4) (5) (6) (7) (6) (7) (7) (1) (7) (7) (1)** p

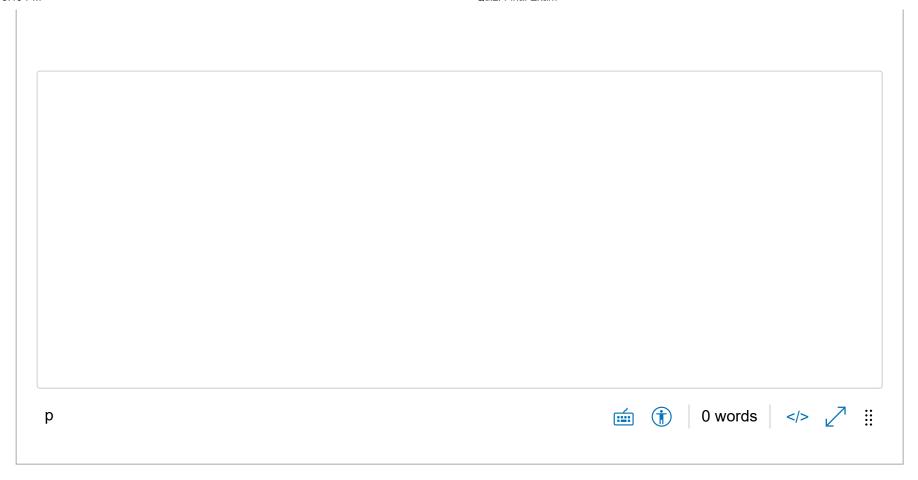


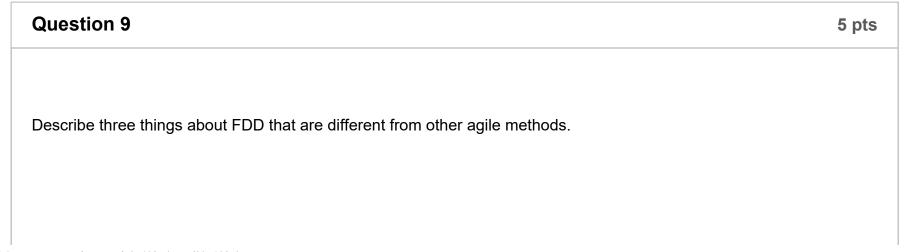
Question 7 5 pts

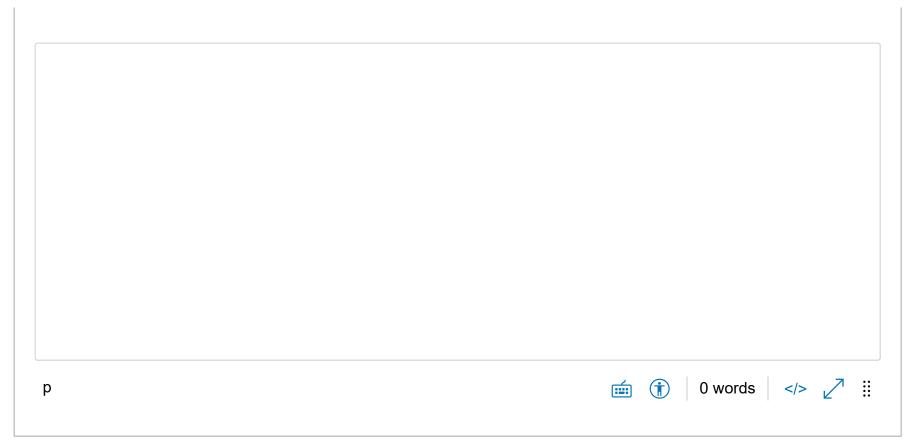
Compare and contrast eXtreme Programming's Pair Programming and Crystal's Side by Side programming. p

Question 8

Describe the 4 steps in a defining a use case



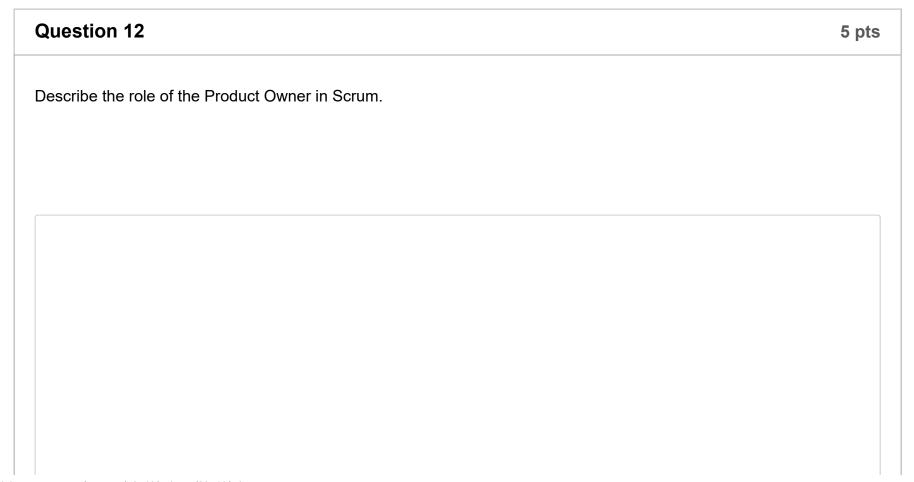




What was unique about the Piggly Wiggly grocery stores that Toyota applied to manufacturing with Lean methods?

According to the Gamma1998 reading on JUnit, what problem, beyond automating unit test, does JUnit help to solve?

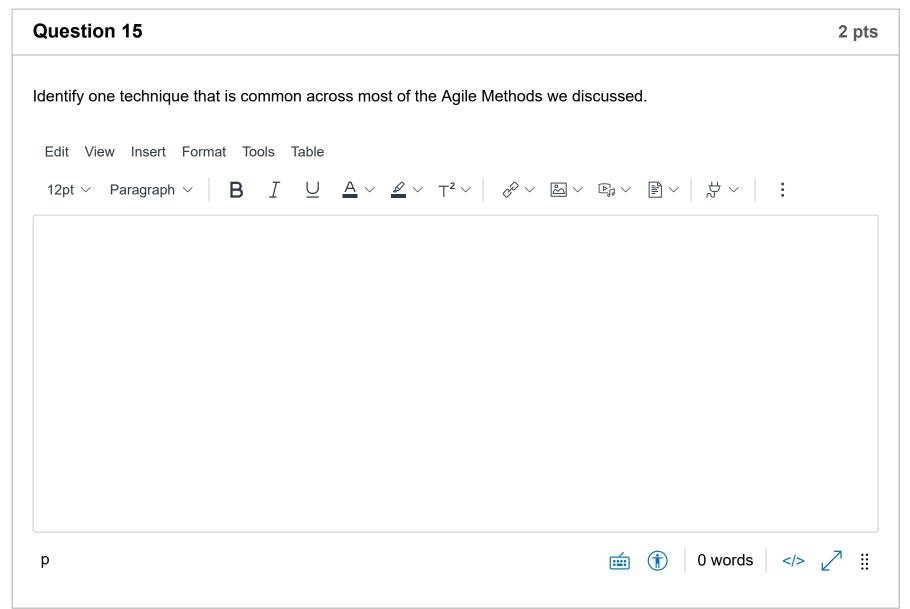




p	(i) 0 words

Question 13	2 pts
Customers estimate the effort required to implement a user story in eXtreme Programming	
○ True	
○ False	

Question 14	2 pts
User stories that are too large to implement in one sprint should be broken up into smaller stories that can be implemented in one sprint.	
○ True	
○ False	



Question 16 2 pts

○ True	
○ False	
Question 17	2 pt
Planning poker strives for estimates with very high precision.	
○ True	
○ False	
Question 18	2 pt
We cannot use Agile with Waterfall because Agile has well-define	ed processes and roles for team members.
○ True	

Question 19	2 pts
What are all of the good alternatives if you encounter disagreement while poker planning a user story?	
Split the difference between the high and low estimate.	
☐ Join a different team	
☐ Use the low estimate	
☐ Defer the story until later	
Question 20 Frequent deliveries is one of the principles of Agile Methods	2 pts
○ True	
○ False	
Question 21	2 pts
Select all of the bad smells identified by Fowler	

☐ Very large classes	
Left over pizza from a long night hacking	
☐ Duplicated code	
☐ Too many parameters in methods	
☐ High cyclomatic complexity	
Question 22	2 pt
	2 pt
	2 pt
Agile Methods are a good match for all software development projects. True False	2 pt
Agile Methods are a good match for all software development projects.	2 pt

A developer on a team using FDD typically will be a member of only one feature development team during the

○ True

development of a new release.

○ False

Question 24	2 pts
Scrum and eXtreme Programming are synonymous (different names for the same thing)	
○ True	
○ False	
Question 25	2 pts
Agile proponents believe that following a strict plan is more important than responding to change.	
○ True	

Question 26

Big firms do not use agile because SCRUM can only be used for small teams.

○ True		
○ False		
Question 27	2 pts	
Agile proponents believe that working software is more important than comprehensive documentation.		

○ False

Question 28 0 pts

Use this space to explain any issues. Please include the question number if appropriate.

○ True

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"I pledge on my honor that I have not given or received any unauthorized assistance on this assignment/examination. I further pledge that I have not copied any material from a book, article, the Internet or any other source except where I have expressly cited the source." True False

Quiz saved at 5:18pm

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