

1-3 Module One Quiz: SDLC and Methodologies



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Written Sep 7, 2025 9:44 AM – Sep 7, 2025 9:47 AM Attempt 1 of 2

You have submitted your quiz attempt! If this was your first attempt and you would like to retake the quiz to improve your score, be sure to review the module resources before taking your second attempt.

Attempt Score	15 / 15 – A
Overall Grade (Highest Attempt)	15 / 15 – A

Question 1

3 / 3 points

What is the SDLC? Select one.

- ☐ The Software Development Life Cycle is the time frame defined for the ideation, development, and release of a software product.
- ☒ The Software Development Life Cycle is a framework that defines tasks performed at each step in the software development process.
- ☐ The Software Design Life Cycle is a framework that defines tasks performed at each step in the software design process.
- ☐ The Software Design Life Cycle is a schema for the tasks associated with designing a software product.

Question 2

3 / 3 points

What is one of the major disadvantages of the waterfall model approach to the SDLC? Select one.

- ☒ Working software is not produced until late in the life cycle, which creates high amounts of risk and uncertainty.
- ☐ There is a lack of communication between the product owner and developers.
- ☐ Product maintenance is not considered in the system design.
- ☐ There is no analysis of product requirements prior to system design.

Question 3

3 / 3 points

What is a Kanban process? Select one.

- ☐ A defined and structured process
- ☒ A pull process, reactive to the customer
- ☐ A push system process
- ☐ A requirements process

Question 4

3 / 3 points

What are the different stages in the waterfall model approach to the SDLC? Select one.

- ☐ Requirements gathering, requirements analysis, product design, production, testing, deployment, and maintenance
- ☒ Requirements analysis, system design, implementation, testing, deployment, and maintenance
- ☐ Requirements analysis, product design, production, testing, release, and maintenance
- ☐ Requirements gathering, system design, implementation, testing, and maintenance

Question 5

3 / 3 points

What are some of the major benefits of an agile approach to the SDLC? Select all that apply.

- ☒ It gives flexibility to developers and allows for changing requirements during development.
- ☒ It delivers early, partial working solutions so progress can easily be measured.
- ☐ It does not require teamwork.
- ☐ Functional software is not developed until the end, so it can be perfected.