**SDLC**

1. **What Is Agile Testing And Why Is It Important?**

Answer. Agile testing is a software testing process which evaluates a software from the customer point of view. And it is important because this does not require Dev to complete coding for starting QA. Instead, the coding and testing both goes hand in hand. However, it may require continuous customer interaction.

1. **What is Software Development Life Cycle (SDLC)?**

Ans: The set of steps and phases which describe the software from its inception to deployment and operations is called Software Development Life Cycle (SDLC).

1. **What are incremental and iterative SDLC model?**

Ans: In the incremental or iterative model it is assumed (which is practically the case) that the customer cannot express exactly what he/she wants and would require multiple iterations to elicit the requirements.

Typically in the iterative model, multiple features are developed in a phased manner. In iteration each feature gets further improved.

In an incremental model, typically, one feature is completed as part of one incremental release instead of focussing on multiple features. Each incremental release would add a new feature.

Examples are Rational Unified Process (RUP).

1. **What is Rapid Application Development RAD?**

Ans: RAD is a methodology which uses minimum efforts on planning and documentation and favours rapid prototyping. It is an incremental model which is used for short development cycle. At the end of each cycle, a more refined/defined product emerges.

1. **What do you understand by the term Agile Software Development?**

Ans: Agile methodology is a family of development processes which encourages customer satisfaction through rapid and continuous delivery of working software. Here, releases are done as frequently as every week rather than every month and continuous changes in requirements are welcome to be integrated. This gives great results when customer is in close interaction with an experienced development team. Scrum, Extreme programming (XP) are examples of Agile Methodology.

1. **What is Spiral SDLC Model?**

Ans: In this model, software is developed in a series of incremental releases. As we progress through iterations more complete versions of engineered products are visible. One pass around the spiral beginning at the centre might result in product specifications. Subsequently passes around the spiral deliver new versions with additional features.

Spiral model is useful when user / developer are not clear about the solution to be developed and deeds evolutionary approach.

1. **What are the different type of SDLC Models**
2. **What is Spiral model says.?**
3. **Why agile Model is too popular?**
4. **What is the SDLC model basic terms?**

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