**Ques 1)**

**(i)What is the difference between smoke and sanity testing?**

Smoke testing is done to make sure that the critical functionalities of the program are working fine, whereas Sanity testing is done to check that newly added functions have been fixed.

**(ii)What is the difference between Validation and Verification?**

Verification is the process of determining if the software is designed and developed as per client’s specification. Validation is the process of inspecting if the software has met client’s needs and expectations.

**Ques 2)**

**Explain about Agile Methodology?**

It is an iterative and Incremental approach to software development and project management that emphasizes flexibility, collaboration and customer satisfaction.

It was developed as an alternative to traditional, sequential project management methods. Key principles of Agile methodology include Customer collaboration, responding to changes, iterative and incremental development, self-organizing cross functional teams, continuous feedback and improvement.

**Ques 3)**

**Explain about Epic and User stories?**

Epic is a large, high level user requirement or feature that cannot be easily completed within a single iteration or sprint. It represents a large body of work that needs to be broken down into smaller, more manageable pieces. They are often used to describe a major functionality or a user journey that encompasses multiple user stories.

User Stories are concise specific and actionable descriptions of a user requirement or feature from the perspective of end user or customer. They focus on capturing the particular feature without going into excessive detail.