**1. What is a SDLC**

**A**. SDLC is a structure imposed on the development of a software product that defines the process for planning, implementation, testing, documentation, deployment, and ongoing maintenance and support. There are a number of different development models.

A Software development life Cycle is essentially a series of steps, or phases, that provide a model for the development and lifecycle management of an application or piece of software.

The methodology within the SDLC process vary across industries and organizations, but standards such as ISO/IEC 120007 represent processes that establish a lifecycle for software, and provide a mode for the development, acquisition, and configuration of software systems.

**2. What is software testing?**

**A.**