**1 What is software? What is software engineering?**

ANS Software engineering has two parts: software and engineering. Software is a collection of codes, documents, and triggers that does a specific job and fills a specific requirement. Engineering is the development of products using best practices, principles, and methods.

**2 Explain types of software**

Application Software.

* System Software.
* Firmware.
* Programming Software.
* Driver Software.
* Freeware.
* Shareware.
* Open Source Software.

**3 What is SDLC? Explain each phase of SDLC**

An SDLC (software development life cycle) is a big-picture breakdown of all the steps involved in software creation (planning, coding, testing, deploying, etc.). Companies define custom SDLCs to create a predictable, iterative framework that guides the team through all major stages of development.

**4 What is DFD? Create a DFD diagram on Flipkart**

 data flow diagram (DFD) is a graphical or visual representation using a standardized set of symbols and notations to describe a business's operations through data movement

**5 What is Flow chart? Create a flowchart to make addition of two number**

A flowchart is **a diagram that depicts a process, system or computer algorithm**

**6 A flowchart is a diagram that depicts a process, system or computer algorithm**

A flowchart is a diagram depicting a process, a system or a computer algorithm. It is a diagrammatic representation of the solution to a given problem but, more importantly, it provides a breakdown of the essential steps to solving the problem.