MODULE 1

*(SDLC)*

Q1/What is software? What is software engineering?

ANS 1 . A software is a set of programs.

* Software engineering is a process of making and analyzing programs.

Q2/Explain types of software

ANS 2. There are basically 2 types of softwares as named below.

* System software.
* This usually contains software programs that machine uses to operate. For example; windows , linux etc.
* Application software.
* This is contained of carrying out specific tasks that are commanded by the user. For example; adobe photoshop, autocad etc.

Q3• What is SDLC? Explain each phase of SDLC

ANS 3. SDLC in full is Software Development Lifecycle.

It’s known as a process by which development industries use to design , develop and test softwares.

PHASES OF SDLC AND EXPLAINED.

* Requirement.

In this phase all necessary data and documents is collected from the client that will be needed in the SDLC building.

* Design.

This shows the architecture of the software and also shows how each feature in the SDLC will function.

* Implementation.

This is the main and longest phase . it contains the front-end , middleware and ba,ck-end where the data is badatabaseated.

* Testing .

Onc the whole system is created , the oftware testing team is brought to use to check whether the given project by the client is working according the client’s demand and also check the possible errors .

* Deployment .

After testing the project , it is handed over to the client and it is re-checked by the clients .

* Maintainance .

The SDLC is under gone maintaimaintenancea and periosome time updates.

**Q4**• What is DFD? Create a DFD diagram on Flipkart

ANS 4. DFD is data flow dia gram in full. It the process is of the flow of data in a system .

**DFD DAGRAM ON FLIPKART**

REQUEST FOR LOGIN REQUES FOR RREQUESTATION

USER

**Online items**

ADMIN

RESPONSE RESPONSE

Q5/What is a Flow chart? Create a flowchart to make the addition of two numbers

ANS 5. A flowchart is a diagram that represents an algorithm step by step.

start

input number 1, number 2

sum= number 1 + number2

print sum