Q-1 What is software? What is software engineering?

Ans- A set of instructions, data or programs used to operate computers and execute specific tasks is a software

Software engineering is a key field that involves creating and maintaining software

Q-2 Explain types of software

Ans- (1) system software

(2) application software

(3) utility software

Q-3 What is SDLC? Explain each phase of SDLC

Ans- SDLC is software development life cycle

(1) planning

(2) analysis

(3) designing

(4) development

(5) testing

(6) maintenance

Q-4 What is DFD? Create a DFD diagram on Flipkart

Ans- DFD is a data flow diagram

End

Payment process

Payment gateway

Order placement

Product search

customer

start

registration

Q-5 What is Flow chart? Create a flowchart to make addition of two numbers

Ans - A flowchart is a picture of the separate steps of a process in sequential order

start

a

End

Ans

Calculate Ans=a+b

Input first number (B)

Input first number (A)

Q-6 What is Use case Diagram? Create a use-case on bill payment on Paytm

Ans - Use-case diagrams describe the high-level function and scope of a system

start

j

Select bill types

registration

user

End

Payment confirmation

Payment process

Payment gateway

Payment method