**Software Testing Assignment**

***Module 1 (Fundamental)***

1. **What is SDLC?**

Software Development Life Cycle (SDLC) is a process used by software industry to design, develop and test high quality softwares.

It defines the process of planning, implementation, testing, documentation, deployment, ongoing maintenance and support.

1. **What is Software Testing?**

It is a process. The process used to identify the completeness, correctness and quality of developed computer software.

1. **What is Agile Methodology?**

Agile model is a combination of Iterative and Incremental model with focus of process adaptability and customer satisfaction by rapid delivery of working software product.

1. **What is SRS?**

Software Requirement Specification (SRS) is a document that describes what the software will do and how it will be expected to perform.

1. **What is oops?**

Object Oriented Programming System (OOPS)

1. **Write basic concepts of oops?**

There are mainly 6 concepts of OOPS

* Object
* Class
* Encapsulation
* Inheritance
* Polymorphism
* Abstraction

1. **What is object?**
2. **What is class?**
3. **What is encapsulation?**
4. **What is inheritance?**
5. **What is polymorphism?**
6. **Draw use case of Online book shopping**
7. **Draw use case of online bill payment system (paytm)**
8. **Write SDLC with basic introduction**
9. **Explain phases of Waterfall model**
10. **Write phases of spiral model**
11. **Write agile manifesto principle**
12. **Explain working methodology of agile model and also write pros and cons**
13. **Draw use case on Online shopping product using COD.**
14. **Draw use case on Online shopping product using payment gateway.**