1. What is software testing?

* Software testing is an activity to check whether the actual result match the expected result and to ensure that the software system is defect free
* Software testing also helps to identify the errors, gap or missing requirements in conflict to the actual requirement
* It can be either done by manually or using automation tools

1. Why is software testing important?

* Testing is important because software bug could be dangerous or even more expensive, software bugs can potentially cause monetary to human loss

1. Type of software testing?

* Typically testing is classified into three categories
* Functional testing
* Unit testing
* Integration testing
* UAT(user acceptance testing)
* Smoke testing
* Non-functional testing or performance testing
* Performance testing
* Volume testing
* Load testing
* Usability testing
* Maintenance testing
* Regression testing

1. What is software testing life cycle?

* Software testing life cycle is defined as a sequence of activities conducted to perform software testing
* It consist of series of activities carried out methodology to help verify your software product
* Different stage of software testing life cycle
* Requirement analysis
* Test planning
* Test case development
* Environment setup
* Test execution
* Test life cycle