ASSIGNMENT-2

Q.1 **what is software quality assurance**?

Software quality assurance (SQA) is a process that ensures that developed software meets and compliance with define and standardized quality specifications. SQA is a ongoing process with in software development life cycle. That routinely check the developed software to ensure it meets desired quality measures.

**Q.2what is the SQA principles?**

Softwarequalityassuranceis process driven and focused on the development of the product or delivery of the services. There are many tool and techniques that form a basic of the key quality assurance principles. Some of these include-

-Cost-benefits analysis

-Cost of quality

-control chart

-benchmarking

-Design of experiments (DOE)

-Statistical sampling

-Flow charting

-Scatter diagram

**Q.3.What are the benefits of SQA?**

SQA has a host of benefits. It ensures that software built as per SQA procedures are of specified quality.

-Eliminate error when they are still inexpensive to correct.

-Improvement the quality of the software.

-improving the process of creating software.

-create a mature software process.

**Q.4.what is need of SQA?**

-Maintaining the quality of project as per the specification and business requirements.

-Defect prevention and formal methods for other defects prevention techniques.

-Defect reduction

-Inspection formal and informal reviews direct faults detection and removal without executing the project scenario.

-Risk identification

-Concluding remarks and maintaining reports.

**Q.5.What is budget of SQA?**

Evaluate available information and consult with others prepare a realistic budget for the respective area or activity of work.

Your presentation information clearly concisely accurate in way that promote understanding. you say no to unreasonable requests.

**Q.6.what is quality assurance?**

Quality assurance include the activity that ensure the implementation of process procedures standard in context to verification of developed software and intended requirements.