SQA – In class test – 4/5/2023

(Close book test)

1. Quality assurance (QA) is a way of preventing mistakes and defects in manufactured products and avoiding problems when delivering products or services to customers. ISO 9000 defines Quality Assurance as "part of quality management focused on providing confidence that quality requirements will be fulfilled".

   a. Explain above statement considering QA principals.

   b. A project manager of a software development company state that the main objective of Software Quality Assurance is to "prove that software is ready to delivery"
   Explain why this is not suitable goal for Quality Assurance Engineer.

2. Briefly explain and distinguish Verification and Validation.

3. Explain the term "Exhaustive testing" by using an example.

4. List down five (5) characteristics of tester?

5. What are the advantages of conducting adequate testing in software project? State 5 reasons with examples.