MKT610

Question 1: What is the purpose of interaction diagram?

Question 2: What notation is used for Sequence Diagrams? Draw it graphically.

Question 3: What parameters are used to measure and analyze design quality?

Answer:
A software design can be looked at from different angles and different parameters can be used to measure and analyze its quality. These parameters include efficiency, compactness, reusability, and maintainability. A good design from one angle may not seem to be suitable when looked from a different perspective. For example, a design that yields efficient and compact code may not be very easy to maintain. In order to establish whether a particular design is good or not, we therefore have to look at the project and application requirements. (Page 71)

Question 4: What should be consideration for maintain design?

Answer:
In order to make a design that is maintainable, it should be understandable and the changes should be local in effect. That is, it should be such that a change in some part of the system should not affect other parts of the system. This is achieved by applying the principles of modularity, abstraction, and separation of concern. If applied properly, these principles yield a design that is said to be more cohesive and loosely coupled and thus is easy to maintain. (Page 71)

Question 5: What should be the consideration for the maintainable design?

Question 6: Which of the followings is not part of software Engineering phases?
Vision
Definition
Development
Process