M. Fahad
Fa19-BSSE-0014
Pg # ①

Quiz #3

Q1: Define Modeling in UML & its advantages?

: Model is define as the templates of actual system or design and also called as the blueprint of the system behiviour.

Advantages:-
- Development time is reduced.
- Provide standard for software development.
- The past faced issue by the developers are no longer exist.

Q2: Difference between forward and Reverse Engineering

- In forward Engineering we see the class daigram and make the code of the software.

- In Reverse Engineering we see the code and daigram will make through it.

Q3:

Functional requirment:
            is the fix/function of software such as the payment method.
Non - Functional requirment:
            are quality constraints of the software.

Q4

There are five different veiws of daigram.

1. User's Veiw
2. Enivaronment Veiw
3. Structural Veiw
4. Implementation Veiw
5. Structural Veiw.

Q5

It's the daigram in which we can define the component details or working and draw it by there aspect of software.

Q6

The various components of the sequence daigram.

- Object.
- Activation
- Message
- Life line
- loop
- Destroy Object.

Date: _____

Q7

Basic Component of a class daigram

- Upper Section (name of class)
- Middle Section (Attrilutes)
- Bottom Section (class operation)

Other Component:

signal, Data type, Package, Assorcation & Aggregration and etc.

Q8:

Depending of object to other Object to use a function is called dependence or Dependence state

Q9:

Aggregration implies a relationship where child oan exist independently of the parent.

Example:-

School (parent) and child (teacher)

Q10

Object: Object is the instance of the Class.

Class: Class is the blue pfint of the frame which object inizaled instance instance is a concrete occurence of any object.