Software engineering

* What is the importance of process model in development of software system? Explain prototype process model. (7 Mark)
* Compare Prototype and RAD Process Model. (4 Mark) --M.IMP
* Explain Waterfall process model. (7 Mark)
* What is Software Engineering? What is Process? What is Product? (3 Mark)
* Explain Spiral Model in detail. (7 Mark) –-M.M.M.IMP
* Explain Software engineering as a Layered technology. (3 Mark) --M.M.IMP
* Compare Product and Process. (4 Mark)

­ (3-marks)

(2019)

1. (1)  What is Architectural Design? Enlist different styles and patterns of architecture.

(2)  Compute function point value for a project with the following domain characteristics:

• No. of I/P = 30

•  No. of O/P = 62

•  No. of user Inquiries = 24

•  No. of files = 8

•  No. of external interfaces = 2

Assume that all the complexity adjustment values are average.

1. (3)  Describe golden rules of User Interface Design.
2. (4)  Explain White Box Testing with an example.

(2017)

(c) Compute the Function Points for the given data set of low complexity.

Inputs = 8, Outputs = 12, Inquiries = 4, Logical files = 5, Interfaces = 1, Value Adjustment Factor ∑Fi = 40.

[a]What is System Software?

[b]Describe role of Software as a Vehicle for delivering a Product.

[d]Write any one Myth of Developer.

[e]List SDLC models used for Large Product Development.

[f]What is the difference between Error and Defect?

(2016)

1. Define Software Engineering. Draw and explain Software Engineering layers.
2. Explain Water Fall process model.
3. Compare Prototype Model with Waterfall Process Model
4. Explain Functional and Non Functional Requirement for Hotel Management

System.

(2018)

1. What is activity diagram and Swim-lane? Draw activity diagram for billing Counter of a shopping mall.
2. What is architectural design? Enlist different style and patterns of architecture.
3. List the different Agile process model and Explain XP model.
4. What is activity diagram and Swim-lane? Draw activity diagram for billing Counter of a

shopping mall.