

CH #2

(viii)

Define Specialized process model?

Ans: Specialized process model are those models that tend to be applied when a specialized or narrowly defined software engineering approach is chosen.

(vii)

Define Process Patterns?

Ans: A process pattern describes a process related problem that is encountered during software engineering work. It also identifies the environment in which the problem has been encountered during software engineering work and suggests one or more proven solutions.

(vi)

Define Process Technology?

Ans: Process Technology involves tools that helps and allows the software organization to build an automated model of

process framework. It also reduced development, time or cost.

Q1)

D/f b/w product and process?

Ans:- If the process is weak, the end product will undoubtedly suffer.

(i) As creative software professional, you should also derive as much satisfaction from the process as the end product.

Q2)

D/f b/w PSP and TSP,
PSP:-

PSP stands for personal Software Process. The PSP emphasizes personal measurements of both the work product that is produced and the resultant quality of the work product.

TSP:-

TSP stands for Team Software process. The goal of TSP is to build a "self-directed" project teams that organize

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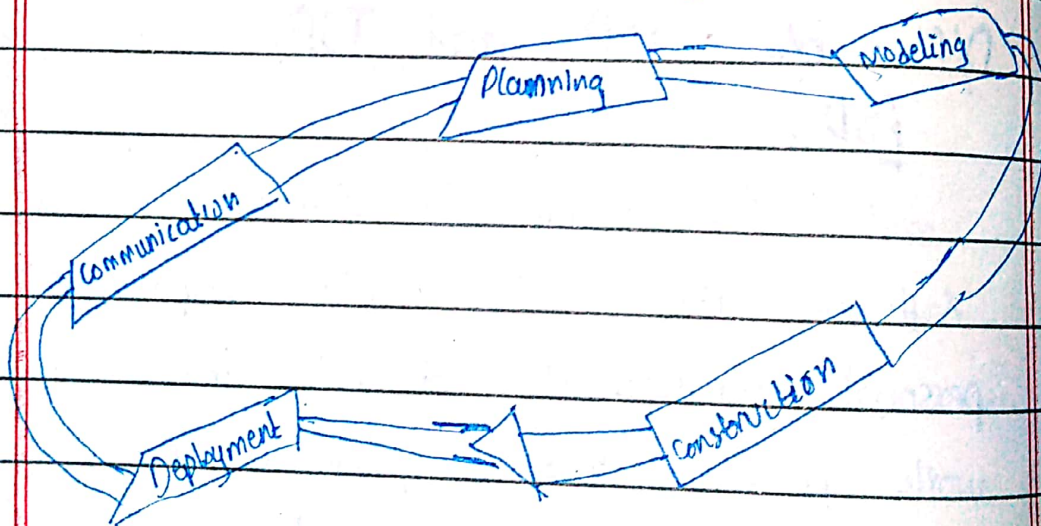
itself to produce high-quality software.

(iii)

Define undefined process and its phases.

Ans.: Undefined process is an attempt to draw on the best features and characteristics of traditional software process models. It also recognizes the importance of customer communication for describing their views of a system.

Phases: [On Book Pg 59]



ii)

Define process flow and its various kinds:

Ans:- Process flow describes how the framework activities and the actions and tasks that occur within each framework activity are organized with respect to sequence and time.

There are four kinds of process flow:-

- (i) Linear Process flow.
- (ii) Iterative Process flow.
- (iii) Evolutionary Process flow.
- (iv) Parallel Process flow.

iii)

Define Framework activity along with distinct actions.

Framework activity is a set of Software engineering actions. Each Software engineering action is defined by a task set that indicates the work tasks that are to be completed, the work products that will be produced, the quality assurance points that will be required and the milestones that will be used to indicate progress.

• The communication activity has six distinct actions:-

- | | |
|-----------------------|-------------------------|
| (i) Inception (begin) | (v) Elicitation (Raise) |
| (ii) Elaboration | (vi) Negotiation |
| (iii) Specification | (vii) Validation |