

Sem VI | Rev | Comp .

Soft - Engg

18/06/08

Con. 3507-08.

(REVISED COURSE)

CO-3412

(3 Hours)

[Total Marks : 100

N.B. : (1) Question No. 1 is **compulsory**.(2) Attempt any **four** questions out of remaining **six** questions.

1. (a) On what basis a process model is chosen ? Compare incremental model with evolutionary model. 10
(b) What do you understand by process maturity ? Define CMMM levels. 10
2. (a) How would you validate and manage requirements ? 10
(b) Give the requirement specification for on-line book store 10
3. (a) Evaluate the risk involved when you change the existing system to " state of art" system. 10
(b) What are the activities involved in project scheduling ? 10
4. (a) Mention a few software configuration items. Name its type. How are software configuration objects identified ? Why do you need an MIL ? 10
(b) Elaborate FP method for estimation of LOC. 10
5. (a) State design principles. show examples of the following coupling high cohesion : 10
(i) Low coupling high cohesion
(ii) High coupling low cohesion.
Which one is preferred and why ?
(b) What kind of errors are detected during Whitebox testing ? How would you do specification testing ? 10
6. (a) What would you do when software maintenance become an issue ? 10
(b) Why is FTR necessary and what is done during auditing ? 10
7. Write short notes on any **two** :- 20
(a) Software Reliability
(b) Architectural design
(c) SQA.