

Con. 3623-10.

(REVISED COURSE)

software Engineering.
AN-4592

(3 Hours)

[Total Marks : 100

N.B. (1) Question No. 1 is compulsory.

(2) Attempt any four questions out of remaining six questions.

(3) All questions carry equal marks.

(4) Figure to the right indicate full marks.

1. (a) Discuss the different types of cost estimation model. 10
(b) Explain in detail the Incremental model with advantage and disadvantages. 10
2. (a) What are the different tasks of Software Configuration Management (SCM) ? 10
Discuss each in brief.
(b) What is quality assurance ? Explain various levels of quality assurance in Software Engineering. 10
3. (a) Explain the fundamental software design concepts. 10
(b) What are the advantages of Object Oriented Software Engineering. 10
4. (a) Explain Basis path testing and cyclomatic complexity in detail. 10
(b) Discuss and compare coupling and cohesion in brief. 10
5. (a) Explain Black Box testing and White box Testing. 10
(b) What are the various version control activities ? Explain. 10
6. (a) Explain various techniques in software requirement analysis. 10
(b) Explain path testing and cyclomatic complexity in detail. 10
7. Write notes on any two :- 20
(a) Empirical Estimation Model
(b) Re-engineering
(c) Software Requirements Specification
(d) Software Project Planning.

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