

BE (Comp) SEM VII (old) 14/5/13
S.E. May 2013

P4-RT-Exam.-Feb.-13-2-282

Con. 8295-13.

(OLD COURSE)

GS-4339

(3 Hours)

[Total Marks : 100

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

(2) Attempt any **four** out of remaining **six** question.

(3) **All** questions carry **equal** marks.

(4) Assume **suitable** data if **necessary**.

1. (a) Differentiate between COCOMO based and LOC based cost estimation techniques. 10
(b) Explain how Gantt-chart can be used for planning and controlling small project with example. What are the limitation of Gantt-chart ? 10
 2. (a) Explain various steps involved in SRS with suitable example. 10
(b) Explain basis path testing and cyclomatic complexity in detail. 10
 3. (a) Explain risk identification, risk projection, RMMM Plan. 10
(b) Explain the difference between :- 10
 - (i) White Box and Black Box testing.
 - (ii) RAD and Spiral model.
 4. (a) Explain Software Configuration Management in detail. 10
(b) Compare and contrast coupling and cohesion with example. 10
 5. (a) Explain Formal Technical Review with examples. 10
(b) Explain different steps in requirement engineering in detail. 10
 6. (a) Describe data-flow and control-flow diagram with any suitable example. 10
(b) Explain in detail software project plan with examples. 10
 7. Write short notes on (any four) :- 20
 - (a) Reengineering
 - (b) Design concepts and principles
 - (c) CMM and Key process areas
 - (d) S/W quality assurance
 - (e) S/W reliability
 - (f) Project Scheduling and tracking.
-