



Reg. No. :

Name :

**Eighth Semester B.Tech. Degree Examination, April 2014
(2008 Scheme)**

08.801 : SOFTWARE ENGINEERING AND PROJECT MANAGEMENT (R)

Time : 3 Hours

Max Marks : 100

PART – A



Answer **all** questions.

1. Explain the basic characteristics of good software.
2. If software does not wear out, why does it deteriorate ?
3. How do process models differ from one another ?
4. What is meant by process and product metrics that supports software process improvement ?
5. What are the different types of maintenance ?
6. What are the advantages of function oriented metrics over size oriented metrics ?
7. What do you mean by risk projection ?
8. What is the role of SQA (Software Quality Assurance) group ?
9. Why can't we just wait until testing to find and correct all errors.
10. Discuss the relationship exist between effort and people, in the context of a software development process. **(10×4=40 Marks)**

PART – B

Answer **any one** question from **each** Module. **(3×20=60 Marks)**

Module – I

11. a) Explain the scope of software engineering. **10**
- b) Explain the advantages and disadvantages of waterfall model. Suggest some process models which will solve the limitations of waterfall model. How ? **10**

OR

12. a) Describe any three applications of software. **10**
- b) With an example, explain the different phases in software development. **10**

**Module – II**

13. a) Explain Cocomo model for software estimation. 10
b) What are the major types of resources in a software project ? 10

OR

14. a) Describe the risks involved in software development. 10
b) Explain basic path testing with an example. 10

Module – III

15. a) Explain :
i) Version control ii) Change control. 10
b) Explain user Interface Design. 10

OR

16. a) Explain the Software Configuration Management (SCM) process. 10
b) Discuss about project management concepts. 10