

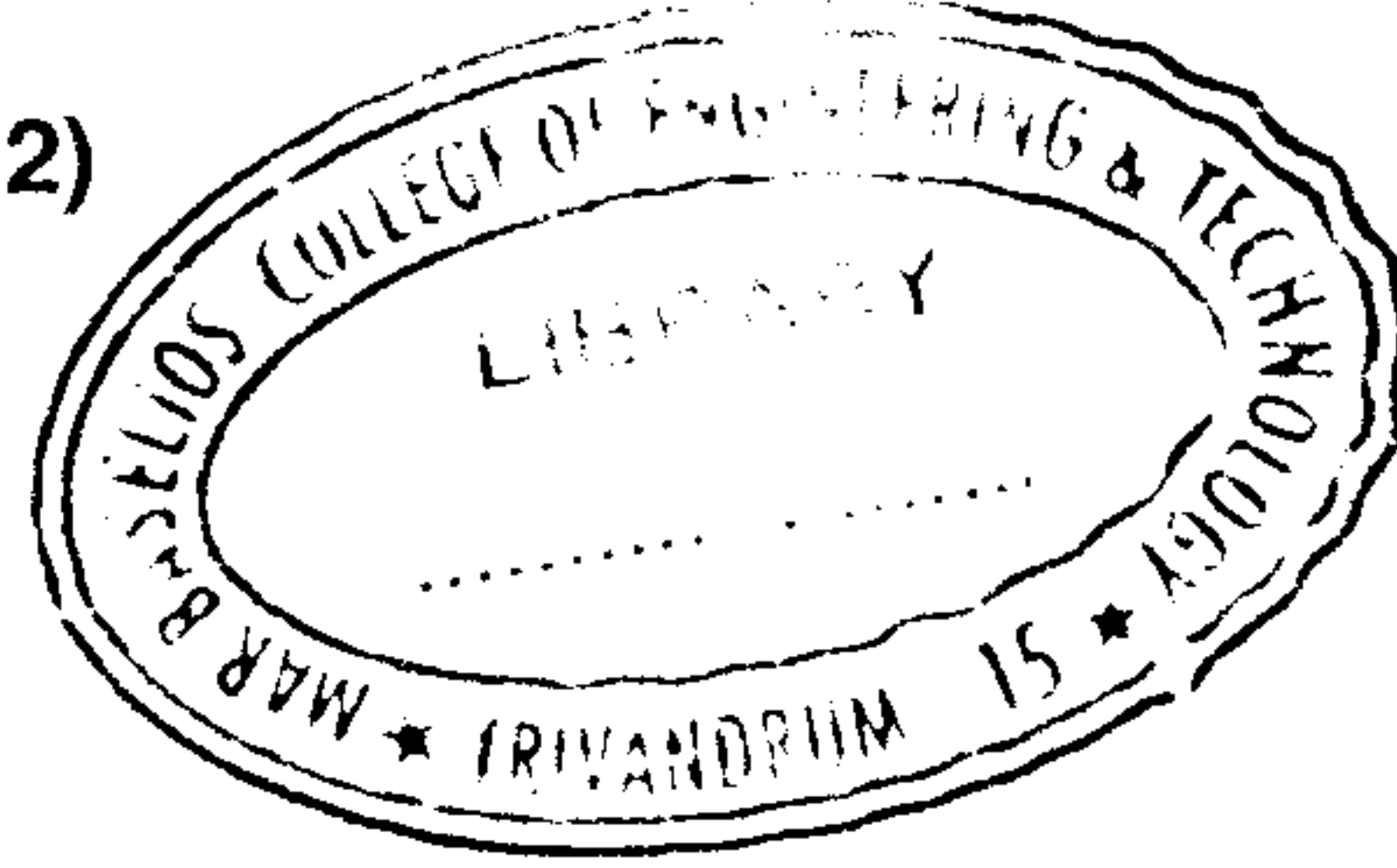


(Pages : 2)

E – 5579

Reg. No. :

Name :



**Eighth Semester B.Tech. Degree Examination, October 2018
(2008 Scheme)**

08.801 : SOFTWARE ENGINEERING AND PROJECT MANAGEMENT (R)

Time : 3 Hours

Max. Marks : 100

PART – A

Answer **all** questions.

1. List down the economic aspects of Software engineering.
2. Identify any four basic characteristics that differentiate a simple program from software product.
3. Differentiate functional and non-functional requirements.
4. How is requirements classified based on user's satisfaction ? Give an example for each.
5. State the importance of software scope.
6. List down the principles of software design.
7. Explain different categories of risk.
8. What is meant by software practitioner's myth ? Explain.
9. Who are the people considered as stakeholders of a software project ?
10. List down the rules of user interface design. **(10×4=40 Marks)**

P.T.O.



PART – B

Answer **one full** question from each module.

(3x20=60 Marks)

Module – I

11. a) With a block diagram explain Rapid Application Development model in detail. 10
- b) Describe the spiral model of developing a software. 10

OR

12. a) Explain the functions of requirements engineering process. 10
- b) Explain in detail about software prototyping. 10

Module – II

13. a) Explain COCOMO model for software estimation. 10
- b) Explain basis path testing with an example. 10

OR

14. a) Describe the fundamental design concepts of software development. 10
- b) Explain equivalence class partitioning with an example. 10

Module – III

15. a) Explain how is a task set defined for the software project. 10
- b) Explain about version control in software configuration management. 10

OR

16. a) Describe about process decomposition in project management. 10
- b) Discuss about different CASE tools. 10

