

**Tilak Maharashtra Vidyapeeth**  
**Bachelor of Computer Applications(BCA)**  
**Internal Assignment(June 2009)**  
**Subject: Software Engineering**

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**Assignment No 1.**

**20 marks**

1. Explain component based development
2. Describe risk categories in detail
3. Describe in brief tracking and error tracking
4. Write note on Ward and Mellor extensions
5. Explain principles proposed for software design

**Assignment No 2.**

**20 marks**

1. Explain process metrics and project metrics
2. Discuss the characteristics of automated estimation tools
3. Write note on program design language
4. Write note on analysis principle
5. Describe in detail unit testing

**Assignment No 3.**

**20 marks**

1. Define restructuring? Describe code restructuring and data restructuring
2. Explain in brief software quality assurance plans
3. Describe in detail debugging
4. Write brief note on interface design activities
5. Describe the elements of the analysis model in detail with help of diagram