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Roll No .....

**CS-603 (GS)****B.E. VI Semester**

Examination, December 2017

**Grading System (GS)****Software Engineering & Project Management***Time : Three Hours**Maximum Marks : 70*

**Note:** i) Attempt any five questions.  
ii) All questions carry equal marks.

1. a) Explain in detail about the life cycle process. 7  
b) Explain the prototyping approaches in software process. 7
2. a) What is meant by cohesion? How should a software be designed considering cohesion? 7  
b) List out the activities involved in software requirement analysis. What is requirement validation. 7
3. a) Discuss the core activities involved in user interface design process. 7  
b) Write a note on architectural design. 7
4. a) Write in detail about the object oriented system design and also discuss about UML. 7  
b) What is integration testing? Discuss about the various approaches of integration testing. 7

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5. a) What are the fundamentals of software testing and discuss the characteristics of a good test? 7  
b) Brief the Software Configuration Management and its process. 7
6. a) Explain the primary responsibility of software quality assurance group. 7  
b) What is Software Quality Assurance? What are the measures of software quality? 7
7. a) Discuss the tools and techniques used in project management. 7  
b) Explain black box testing and white box testing. 7
8. a) Explain the concept of modularity in design engineering process. 7  
b) Write any three requirements definition document. 7

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