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Roll No

CS-603**B.E. VI Semester**

Examination, June 2017

Software Engineering & Project Management**Time : Three Hours****Maximum Marks : 70**

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

1. What is the importance of models in software engineering? Explain with examples any two process models which are commonly used.
2. Explain the various stages of WINWIN Spiral model.
3. Discuss an example of type of system where social and political factors might strongly influence the system requirements. Explain why these factors are important in your example?
4. Explain the steps involved in Object Oriented modeling.
5. Describe the metrics for the design model of a product. What are the attributes of effective software metrics?

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6. Explain the process of User Interface design? Also provide guideline for Good User Interface.

7. What is overall strategy for Software Testing? Explain it clearly.

8. Answer any four of the following:

- a) Explain the process maturity levels in SEI's CMM.
- b) Explain the nature of SRS?
- c) How do you assess an architectural style that has been derived.
- d) The software analysis and design are constructive task and software testing is considered to be destructive from the developer point of view. Discuss.
- e) What are the problems encountered with uncontrolled change management?
- f) Software project scheduling does not differ from scheduling of any other multitask engineering project. Discuss.

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