

Roll No

CS-603

B.E. VI Semester

Examination, December 2016

Software Engineering and Project Management

Time : Three Hours

Maximum Marks : 70

- Note:* i) Answer any five questions.
ii) All questions carry equal marks.
iii) Assume suitable data if missing.

1. a) Explain iterative and spiral model of software development. 7
b) Describe the evolutionary process model and the model that make use of existing component with example. 7
2. a) Explain requirement engineering with complete process? Also give its types? 7
b) Compare function oriented and object oriented software development. 7
3. Write short notes on: 14
a) Modularization
b) Coupling cohesion
c) Design verification
4. a) Explain the types of software design strategies available. 7
b) Briefly describe software analysis and design tools. 7

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5. a) Compare functional and implemental testing approaches? 7
b) What are the aspects considered before software testing while software testing and after software testing. 7
6. a) What are the various software maintenance activities involved throughout its cycle? 7
b) How reverse engineering is different from reengineering process? Explain with suitable example? 7
7. a) Compare object oriented analysis of software with that of structural software engineering approach. 7
b) Describe various program comprehension techniques. 7
8. Describe the followings: 14
a) Test metrics
b) Agile process
c) Software Quality Assurance (SQA)

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