SF - 225

Seat No.	

Total No. of Pages : 2

S.E. (CSE) (Semester - IV) (Revised) Examination, November - 2017
SOFTWARE ENGINEERING (Theory)
Sub. Code: 63535

Day and Date : Tuesday, 07 - 11 - 2017 **Total Marks : 50**

Time : 9.30 a.m. to 11.30 a.m.

Instructions :
1) **Q.3 and Q.6 are compulsory.**
2) **Solve any one from Q.1 and Q.2.**
3) **Solve any one from Q.4 and Q.5.**
4) **Figures to the right indicate full marks.**

Q1) a) Explain prototyping model in detail. **[6]**

b) What is SRS? State and briefly explain the desirable qualities of the SRS documents. **[7]**

Q2) a) What is a project management process? Briefly explain the three phases in it. **[7]**

b) What do you mean by the project planning process? State and briefly explain the activities in it. **[6]**

Q3) Write short note on (any 3) **[4 + 4 + 4]**

a) Scale and change

b) Team structure

c) Risk Management

d) SEI CMM.

P.T.O.

Q4) a) When do you say that a system is modular? Explain the concept of open-closed principle. **[6]**

b) Explain black box testing in detail. **[7]**

Q5) a) What is the objective of coding? Explain the concept of code walkthrough in code reviews. **[6]**

b) Explain the concept of software reliability? State the main reasons that make software reliability more difficult to measure than hardware reliability. **[7]**

Q6) Write short note on (any three) **[4 + 4 + 4]**

a) Verification.

b) Program Analysis Tools.

c) ISO 9000.

d) Agile software development.

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