Seat No. |

S.E. (CSE) (Semester - IV) Examination, May - 2019
SOFTWARE ENGINEERING (Revised)
Sub. Code : 63535

Day and Date : Friday, 24 - 05 - 2019

Time : 02.30 p.m. to 04.30 p.m.

Total Marks : 50

Instructions :
1) Attempt one questions from Q1 and Q2.
2) Q3 and Q6 are compulsory.
3) Attempt one question from Q4 and Q5.

Q1) a) What is software engineering? Differentiate between industrial strength software and student software. **[6]**

b) What do you mean by software process. Briefly explain the two major component processes. **[6]**

Q2) a) What is SRS? Briefly explain the desirable qualities of the SRS document **[6]**

b) Explain PCMM model with the help of figure. **[6]**

Q3) a) What is project planning? State and explain principles of project planning. **[7]**

b) Evaluate the relationship between the development and the management process. **[6]**

Q4) a) What is cohesion? Explain several types of coupling? **[6]**

b) What is risk? State and briefly explain principles of effective risk management. **[6]**

Q5) a) What is performance testing? Explain white box testing. **[6]**

b) Explain any two methods of gathering requirements. **[6]**

Q6) a) Explain six sigma in detail. **[6]**

b) What is ISO 9000 certification? Explain in detail. **[7]**

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