



## GOVERNMENT COLLEGE OF ENGINEERING, JALGAON

(An Autonomous Institute of Government of Maharashtra)

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Name of Examination : **Winter 2020** - (Preview)

Course Code & Course Name : **CO304UC - Professional Elective-I- Software Engineering**

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Maximum Marks : **60**

Duration : **3 Hrs**

[Edit](#) [Print](#) [View Answer Key](#) [Close](#) **Answer Key Submission Type:** Marking scheme with model answers and solutions of numerical

Instructions:

1. All questions are compulsory.
2. Illustrate your answer with suitable figures/sketches wherever necessary.
3. Assume suitable additional data; if required.
4. Use of logarithmic table, drawing instruments and non programmable calculators is allowed.
5. Figures to the right indicate full marks.

### 1) Solve any two sub-questions

- a) What are software myths? List & Discuss management and practitioners all software myths. [06]
- b) What are the elements of software process? List & discuss generic framework activities for software process. [06]
- c) Give the principles for Agile software development. [06]

### 2) Solve any two sub-questions

- a) List & Explain the tasks required for Requirement Engineering. [06]
- b) Discuss different techniques for software requirements elicitation. [06]
- c) Give the thumb rules for requirement analysis. [06]

### 3) Solve any two sub-questions

- a) Explain in detail the design model for software development with diagram. [06]
- b) Give the Golden rules for User Interface Designing. [06]
- c) List & briefly explain any eight software design concepts. [06]

### 4) Solve all sub-questions

- a) With neat diagram, explain the Waterfall Model for software development. [06]
- b) Discuss the issues for validating software requirements. [06]

### 5) Solve all sub-questions

- a) List & briefly explain the tasks in SCM process. [06]
- b) Discuss the challenges of global software development. [06]

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