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Roll No. ....

**CC-415**

**M.B.A. EXAMINATION, May 2017**

(Third Semester)

(Re-appear Only)

IT-06

SOFTWARE ENGINEERING

*Time : 3 Hours]*

*[Maximum Marks : 70*

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Before answering the question-paper candidates should ensure that they have been supplied to correct and complete question-paper. No complaint, in this regard, will be entertained after the examination.

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**Note :** Attempt *Five* questions in all, selecting at least *one* question from each Unit. All questions carry equal marks.

**Unit I**

1. (a) What is Software Engineering ? Describe its major principles.

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- (b) Describe the importance of software metrics with suitable examples.

- 2. Compare waterfall model with spiral model of software development.

### Unit II

- 3. What are various software project cost estimation techniques ? Explain any *one* of them in detail.
- 4. (a) What is Software Risk Management ? Illustrate.  
(b) Discuss the factors affecting software quality.

### Unit III

- 5. Discuss different types of Module Coupling.
- 6. Illustrate the tools used for structured design.

### Unit IV

- 7. (a) What do you mean by Coding ? State its purpose.  
(b) What are the steps involved in verification process ?
- 8. What is White Box Testing ? List its advantages and disadvantages. Explain various white box testing techniques.