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Roll No. ....

**CC-419**

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

(Fourth Semester)

(Main & Re-appear)

IT-10

**SOFTWARE PROJECT MANAGEMENT**

*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) Define Software. Illustrate the characteristics of a good software.

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- (b) Define Software Processes. Why should project manager follow processes ? Why do many software project fail ?

2. Explain the different KPAs for software project management.

### **Unit II**

3. What is Software Project Effort Estimation ? State its importance. What are various software project effort estimation techniques ? Explain any *one* in detail.
4. Explain, how risks are handled in software projects ? Give examples.

### **Unit III**

5. Explain the various guiding principles for selecting a project team.
6. (a) Describe the contents of a software project management plan.
- (b) Elaborate the software project measurement and tracking plan.

### **Unit IV**

7. State the various software configuration management (SCM) activities and describe, how these requirements for SCM are satisfied ?
8. What is meant by Software Defect Analysis ? Explain defect detection and defect prevention techniques.