

**R09****Code: 9A05502****B.Tech III Year I Semester (R09) Supplementary Examinations June 2016****SOFTWARE ENGINEERING**

(Common to CSE, IT &amp; CSS)

Time: 3 hours

Max Marks: 70

Answer any FIVE questions  
All questions carry equal marks

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- 1 What is software? Explain about the Evolving role of software.
- 2 What is RAD model? Explain for which type of projects RAD model best suits.
- 3 Describe about:
  - (a) Dataflow models.
  - (b) State Machine models.
- 4 Write about design process and design quality. Explain with examples.
- 5
  - (a) What is cohesion?
  - (b) Explain the order of level of cohesion.
- 6
  - (a) Explain about component level design metrics.
  - (b) Explain about user interface design metrics.
- 7
  - (a) Discuss about determinants of SW quality.
  - (b) Explain about risk mitigation monitoring and management.
- 8
  - (a) Explain about groin's quality dimension.
  - (b) Explain about McCall's Quality factors.

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