

Code: 9A05502

**R09**

B.Tech III Year I Semester (R09) Regular & Supplementary Examinations December 2014

**SOFTWARE ENGINEERING**

(Common to CSS, IT and CSE)

Time: 3 hours

Max Marks: 70

Answer any FIVE questions  
All questions carry equal marks

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- 1 What is a process pattern? Explain about software myths and different types of the myths.
- 2 Explain about the Boehm model? Mention drawbacks of the model.
- 3 Write in detail about Ethnography. Explain with examples.
- 4 Write a short notes on:
  - a) Abstraction.
  - (b) Modularity.
  - (c) Functional dependences.
  - (d) Design classes.
- 5 (a) Explain about constraint logic construct.  
(b) Explain about flow chart constraints.
- 6 What is debugging? What are the characteristics of bugs?
- 7 (a) Describe about determinants of S/W quality.  
(b) Discuss about defect removal efficiency.
- 8 Write short notes on:
  - (a) Quality control.
  - (b) Software quality assurance (SQA).

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