II B.Tech II Semester Examinations,April/May 2012
SOFTWARE ENGINEERING
Common to Information Technology, Computer Science And Engineering,
Computer Science And Systems Engineering

Time: 3 hours   Max Marks: 80

Answer any FIVE Questions
All Questions carry equal marks
⋆ ⋆ ⋆ ⋆ ⋆

1. (a) Explain activities of software.

   (b) Discuss about cost impact of software defects.   [8+8]

2. (a) Explain about structured language specifications for writing system requirements.

   (b) How do we specify system requirements using standard form?   [8+8]

3. Explain in detail the terms

   (a) Task elaboration

   (b) Object elaboration

   (c) Work flow analysis   [6+5+5]

4. Explain the effective strategies for dealing with risks.   [16]

5. (a) Define software quality. Describe in detail about MC Call's quality factors & ISO 9126 quality factors.

   (b) What is the role of product metrics in SQA?   [10+6]

6. Describe the requirements management with an illustrative example.   [16]

7. Explain the differences between a database and the services for one or more conventional business applications and a datawarehouse.   [16]

8. (a) Write few reasons for the software failures?

   (b) Give some points on how to over come software failures with examples. [8+8]

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Code No: 07A4EC12 $\boxed{\textbf{R07}}$ $\boxed{\textbf{Set No. 1}}$

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