

Code No: 07A4EC12

**R07**

**Set No. 2**

**II B.Tech II Semester Examinations, APRIL 2011**

**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**

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1. Clearly distinguish between Object Oriented Analysis (OOA) and Object Oriented Design (OOD) in terms of the deliverables in each process. Outline the generic components of the OOD model. [16]
2. (a) What is feasibility study? Describe the feasibility study process.  
(b) Write a short notes on feasibility report. [10+6]
3. Is there ever a case when the generic activities of the software engineering process don't apply? If so, Justify the answer. [16]
4. (a) Explain set of metrics for OO projects.  
(b) Explain about web engineering project metrics. [8+8]
5. Give a brief account on the call and return architecture, Object-Oriented Architecture and layered architecture with examples of each. [16]
6. (a) Explain in detail the structures language specifications.  
(b) Draw and explain the sequence diagram representing various consequences during withdraw from ATM system. [8+8]
7. Explain statistical software quality assurance. [16]
8. (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]

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**R07****Set No. 4**

II B.Tech II Semester Examinations, APRIL 2011

**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**

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2. (a) Define software quality. Describe in detail about MC Call's quality factors & ISO 9126 quality factors.  
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3. (a) What is feasibility study? Describe the feasibility study process.  
(b) Write a short notes on feasibility report. [10+6]
4. (a) Explain set of metrics for OO projects.  
(b) Explain about web engineering project metrics. [8+8]
5. Give a brief account on the call and return architecture, Object-Oriented Architecture and layered architecture with examples of each. [16]
6. Clearly distinguish between Object Oriented Analysis (OOA) and Object Oriented Design (OOD) in terms of the deliverables in each process. Outline the generic components of the OOD model. [16]
7. (a) Explain in detail the structures language specifications.  
(b) Draw and explain the sequence diagram representing various consequences during withdraw from ATM system. [8+8]
8. Is there ever a case when the generic activities of the software engineering process don't apply? If so, Justify the answer. [16]

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**R07****Set No. 1**

II B.Tech II Semester Examinations, APRIL 2011

**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**

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**R07**

**Set No. 3**

**II B.Tech II Semester Examinations, APRIL 2011**

**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**

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