

Code.No: RR311201

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SET-1

III B.TECH – I SEM EXAMINATIONS, NOVEMBER - 2010
SOFTWARE ENGINEERING
(INFORMATION TECHNOLOGY)

Time: 3hours**Max.Marks:80**

Answer any FIVE questions
All questions carry equal marks

- - -

- 1.a) Explain the linear sequential model.
b) List the advantages of spiral model. [10+6]
2. Cost estimates are inherently risky regardless of the estimation technique used. Suggest four ways in which the risk in a cost estimate can be reduced. [16]
- 3.a) Explain the advantages of object-oriented analysis over the conventional structured analysis.
b) Compare classification structure & assembly structure in OOA modeling. [8+8]
- 4.a) Explain how an object is used in OOA and in data modeling. List the difference between them.
b) Explain briefly about alternative analysis techniques. [8+8]
- 5.a) Differentiate between transform analysis and transaction analysis with suitable examples.
b) Explain how a design stage is a crucial step in software engineering. [8+8]
- 6.a) Explain how human perception will have influence on user interface design?
b) List and explain the user interface implementation tools. [8+8]
- 7.a) Explain condition testing in detail.
b) Discuss about data flow testing. [8+8]
- 8.a) Explain loop testing and top-down integration testing.
b) Discuss the various debugging methods. [8+8]

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SET-2

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(INFORMATION TECHNOLOGY)

Time: 3hours**Max.Marks:80**

Answer any FIVE questions
All questions carry equal marks

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- 1.a) Explain the advantages of object-oriented analysis over the conventional structured analysis.
- b) Compare classification structure & assembly structure in OOA modeling. [8+8]
- 2.a) Explain how an object is used in OOA and in data modeling. List the difference between them.
- b) Explain briefly about alternative analysis techniques. [8+8]
- 3.a) Differentiate between transform analysis and transaction analysis with suitable examples.
- b) Explain how a design stage is a crucial step in software engineering. [8+8]
- 4.a) Explain how human perception will have influence on user interface design?
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- b) Discuss the various debugging methods. [8+8]
- 7.a) Explain the linear sequential model.
- b) List the advantages of spiral model. [10+6]
8. Cost estimates are inherently risky regardless of the estimation technique used. Suggest four ways in which the risk in a cost estimate can be reduced. [16]

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SET-3

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SOFTWARE ENGINEERING
(INFORMATION TECHNOLOGY)

Time: 3hours**Max.Marks:80**

Answer any FIVE questions
All questions carry equal marks

- - -

- 1.a) Differentiate between transform analysis and transaction analysis with suitable examples.
- b) Explain how a design stage is a crucial step in software engineering. [8+8]

- 2.a) Explain how human perception will have influence on user interface design?
- b) List and explain the user interface implementation tools. [8+8]

- 3.a) Explain condition testing in detail.
- b) Discuss about data flow testing. [8+8]

- 4.a) Explain loop testing and top-down integration testing.
- b) Discuss the various debugging methods. [8+8]

- 5.a) Explain the linear sequential model.
- b) List the advantages of spiral model. [10+6]

6. Cost estimates are inherently risky regardless of the estimation technique used. Suggest four ways in which the risk in a cost estimate can be reduced. [16]

- 7.a) Explain the advantages of object-oriented analysis over the conventional structured analysis.
- b) Compare classification structure & assembly structure in OOA modeling. [8+8]

- 8.a) Explain how an object is used in OOA and in data modeling. List the difference between them.
- b) Explain briefly about alternative analysis techniques. [8+8]

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SET-4

III B.TECH – I SEM EXAMINATIONS, NOVEMBER - 2010
SOFTWARE ENGINEERING
(INFORMATION TECHNOLOGY)

Time: 3hours**Max.Marks:80**

Answer any FIVE questions
All questions carry equal marks

- - -

- 1.a) Explain condition testing in detail.
b) Discuss about data flow testing. [8+8]
- 2.a) Explain loop testing and top-down integration testing.
b) Discuss the various debugging methods. [8+8]
- 3.a) Explain the linear sequential model.
b) List the advantages of spiral model. [10+6]
4. Cost estimates are inherently risky regardless of the estimation technique used. Suggest four ways in which the risk in a cost estimate can be reduced. [16]
- 5.a) Explain the advantages of object-oriented analysis over the conventional structured analysis.
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