



DHARMSINH DESAI UNIVERSITY, NADIAD
FACULTY OF TECHNOLOGY

B.TECH. SEMESTER VI [CE / IT]

SUBJECT: (CT-616) SOFTWARE ENGINEERING

Examination	: Remedial Sessional	Seat No.	: _____
Date	: 01/08/2013	Day	: Tuesday
Time	: 11:30 To 12:45	Max. Marks	: 36

INSTRUCTIONS:

1. Figures to the right indicate maximum marks for that question.
 2. The symbols used carry their usual meanings.
 3. Assume suitable data, if required & mention them clearly.
 4. Draw neat sketches wherever necessary.
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Q.1 Do as directed.

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|---|-----|
| (a) Define Abstraction and Composition with example. | [2] |
| (b) Describe four characteristics of bad SRS document. | [2] |
| (c) Make a black box testing for E-Mail verification function. | [2] |
| (d) Give difference between program and product. | [2] |
| (e) "Spiral Model is a Meta data model". Justify the statement. | [2] |
| (f) Compare Command base and GUI base interface techniques. | [2] |

Q.2 Attempt *Any Two* from the following questions. [12]

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| (a) Explain Prototype Data Model and provide suitable system where it can be applicable. | [6] |
| (b) Explain different types of Performance testing. | [6] |
| (c) Explain different quality measurement factors. | [6] |

- Q.3**
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|---|-----|
| (a) Design SRS document for Stock management system. | [6] |
| (b) Design Data Flow Diagram for Stock management system. | [6] |

OR

- Q.3**
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|---|-----|
| (a) Design State Chart for Library management system. | [6] |
| (b) Design Class Diagram for Library management system. | [6] |