

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**

**R13 MODEL QUESTION PAPER**

**UG I year End Examinations, June 2013**

**Name of the Subject:**

**Time : 3 hours**

**Max Marks: 75**

**Note:** This question paper contains two parts A and B.  
Part A is compulsory which carries 25 marks. Answer all questions in Part A.  
Part B consists of 5 Units. Answer any one full question from each unit. Each question carries 10 marks and may have a, b, c as subquestions.

**Part- A (25 Marks)**

Q. No. 1.

- a. (2 marks)
- b. (3 marks)
- c. (2 marks)
- d. (3 marks)
- e. (2 marks)
- f. (3 marks)
- g. (2 marks)
- h. (3 marks)
- i. (2 marks)
- j. (3 marks)

$5 \times 2 = 10$

$5 \times 3 = 15$

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25

**Part-B (50 Marks)**

**Unit-I**

- Q. No. 2
- a)
  - b)
  - c)

**OR**

- Q. No. 3
- a)
  - b)
  - c)

**Unit-II**

- Q. No. 4
- a)
  - b)
  - c)

**OR**

- Q. No. 5
- a)
  - b)
  - c)

**Unit-III**

- Q. No. 6    a)  
                  b)  
                  c)

**OR**

- Q. No. 7    a)  
                  b)  
                  c)

**Unit-IV**

- Q. No. 8    a)  
                  b)  
                  c)

**OR**

- Q. No. 9    a)  
                  b)  
                  c)

**Unit-V**

- Q. No. 10   a)  
                  b)  
                  c)

**OR**

- Q. No. 11   a)  
                  b)  
                  c)

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