

## MSIT 42 (OS)



### IV Semester M.Sc. (I.T.) Examination, June/July 2010 COMPONENT TECHNOLOGIES

Time : 3 Hours

Max. Marks : 75

*Instruction : Answer all questions from Part A, and answer any five questions from Part B.*

#### PART – A

Briefly explain the following :

(10×2+5×1=25)

1. What is Bean class ?
2. What are Distributed object ?
3. What is transaction management ?
4. What are remote servers ?
5. What is persistent storage ?
6. What is Marshaling ?
7. What is audit ability ?
8. What is site connector ?
9. What is key management server ?
10. Define Symmetric cryptograph.
11. Expand the following terms :
  - a) TRMP
  - b) CMP
  - c) VBA
  - d) JNDI
  - e) DDE

P.T.O.



**MSIT 42 (OS)**

**PART – B**

Answer **any five** :

**(5×10=50)**

1. Write down the steps involved in the development of DCom.
  2. Explain the following :
    - i) session beans
    - ii) Entity Beans
  3. How enterprise beans as distributed objects ?
  4. Give a detailed step by step process of Distributed transaction.
  5. What are the issues confronting in securing electronic transaction ? Explain in brief.
  6. Explain the Architecture of the DCom.
  7. Give a detailed step by step process of cyber cash transaction.
  8. Explain the following :
    - i) Digital signature
    - ii) RSA Algorithm.
- 

HowToExam.com