

Exam.Code:1005

Sub. Code: 7693

1128

M.E. (Information Technology)

First Semester

MEIT-102/MEIT-112: Object Oriented Analysis and Design

Time allowed: 3 Hours

Max. Marks: 50

NOTE: Attempt five questions in all, including Question No. 1 which is compulsory and selecting two questions from each Unit.

x-x-x

- I. Attempt the following:-
- What are Abstract Classes?
 - Differentiate between Associations and Aggregations?
 - What are the two parts of the analysis model?
 - Define Polymorphism?
 - What are ER diagrams? (5x2)

UNIT – I

- II. a) What is dynamic modeling? Explain various diagrams in it? (5,5)
 b) Describe process and data flows used in data flow diagrams. (5,5)
- III. Explain in detail about the three types of object oriented models. (10)
- IV. Write short note on:-
- Concurrency
 - Metadata (5,5)

UNIT – II

- V. a) Describe the approaches to implementation of control in object design?
 b) Explain the various steps involved in Design Optimization? (5,5)
- VI. a) Describe the process of implementing Associations in OO concepts?
 b) What are the different types of inheritance? Explain with an example? (5,5)
- VII. Write note on any two of the following:-
- Relational Database Design
 - Method resolution (5,5)

x-x-x