Bapatla Engineering College::Bapatla

Department of Information Technology

**Advanced Database Management System**

**Class: 3/4 IT (Semester-II) Section- A&B Date: 23.03.2023**

**Time: 50Mnts Max.Marks: 10M**

1) Explainin detail about the types of fragmentation with examples and correctness of fragments?

2) Discuss why the weekness of relational DBMS may make them unsuitable for advanced database

applications?

3) Explain the functions and architectures of DDBMS with diagram?

4) Define each of the following concepts in the context of an OODM?

a) Abstraction

b) Encapsulation

c) Object Identity

d) Inheritance

5) a) Discuss the advantages and disadvantages of a DDBMS?

b) What are the strategic objectives for the definition and allocation of fragments?

6) What layers of transparency should be provided with a DDBMS? Give examples to

illustrate your answer. Justify your answer.