

**BIM / Eighth Semester / IT 305: Object Oriented Database Management System**

*Candidates are required to answer all the questions in their own words as far as practicable.*

**Group "A"**

**1. Brief Answer Questions:**

**[10 × 1 = 10]**

- i. List any advantages of object oriented database over relational database.
- ii. What is type?
- iii. What do you mean by Hybrid Database?
- iv. Write the syntax for creating package in PL/SQL.
- v. Define relationship integrity.
- vi. Define ODMG standard.
- vii. Describe structured complex object.
- viii. What is object identifier?
- ix. Give an example of IS-A relationship.
- x. Why do we use REF function in Object in oracle?

**Group "B"**

**Exercise Problems:**

**[5 × 4 = 20]**

2. Explain Booch notation used for representing classes and class relationships.
3. Explain different types of Large Objects.
4. How objects are created and destroyed? Describe any two performance issues in OODBMS.
5. Explain different types of methods found in object-oriented systems.
6. Explain Aggregation and Composition with example.

**Group "C"**

**Comprehensive Questions:**

**[2 × 5 = 10]**

7. How is object created in Oracle? Explain with example.
8. List the optional features of Object-oriented systems and explain any three of them.

