TRIBHUVAN UNIVERSITY
FACULTY OF MANAGEMENT
Office of the Dean
September 2018

Full Marks: 40
Pass Marks: 18
Time: 2 hrs.

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.   How OODBMS differs from relational DBMS?

   ii.   What is type?

   iii.   What kind of collection is Set?

   iv.   Why is E-R diagram made?

   v.   What is Relational Model - Tasmania?

   vi.   Define ODMG standard.

   vii.   Describe structured complex object.

   viii. What is object identifier?

   ix.   What do you mean by 'IS DANGLING'?

   x.   Describe Map method in object.

Group "B"

Exercise Problems: *[5 × 4 = 20]*

2. What do you mean by "Pure object-oriented databases are navigational"?

3. Explain Large Objects.

4. How is object created in Oracle? Explain with example.

5. Explain Aggregation and Classification with example.

6. Differentiate between transient and persistent objects with examples.

Group "C"

Comprehensive Questions: *[2 × 5 = 10]*

7. Why do you think OODBMS is developed? Describe performance issues in OODBMS.

8. List and explain any four mandatory features of OODBMS.

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