

60250

B.Sc. 3rd Semester (Hons.) (Old Scheme) Examination,
December-2015

MATHS

DATABASE MANAGEMENT SYSTEM AND ORACLE

Paper-BHM-236, Opt (i)

Time allowed : 3 hours [Maximum marks : 60]

Note : Attempt five questions in all. Attempt four questions by selecting one question from each Unit. Question No. 9 of Unit-V is compulsory. All questions carry equal marks.

Unit-I

1. Explain in detail DBMS. Explain the Architecture of DBMS. Describe different Levels of Data Abstraction.
2. Explain the Relational Model and Hierarchical Model. Differentiate between these two Models.

Unit-II

3. Explain the Relational Model, Concept of Relational Model. Describe the Advantages and Disadvantages of Relational Approach.
4. Explain the different Normal Forms. Describe in detail Second Normal Form (2NF), Fourth Normal Form (4NF) and Fifth Normal Form (5NF).

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Unit-III

5. Explain the Oracle and Modules of Oracle. Describe in detail the Invoking of SQL*PLUS. Describe Data Types and Character Data Types.
6. Explain in detail SQL*Forms, user defined Forms, Multi Record Forms and Master Detail Forms.

Unit-IV

7. Explain in detail Oracle SQL*Report Writer, Selective Dump Report and Test Report.

8. Explain the Oracle Database Triggers and SQL*Forms. BEFORE and AFTER Trigger Combinations. Explain the Creating a Trigger.

Unit-V

9. (a) Describe the Random Access File.
(b) Describe the Indexed Sequential File.
(c) Describe the Multi Key Access.
(d) Describe the First Normal Form(INF)
(e) Describe the Oracle Data Types.
(f) Describe briefly the Triggers.

