

CSE 402B DATABASE ADMINISTRATION

B. Tech. Semester – VIII (Computer Science and Engg.)

L T P
4 - -

Credits
04

Sessional Marks: 25

Theory Marks:75

Duration of Exams: 3 Hours

Books :

Text Books:

1. Kevin loney, Bob Baryla Oracle database 10g: DBA handbook, Tata McgrawHills.
2. Biju Thomas, Bob Baryla, Oracle DBA Fundamental-I, BPB publications

“ **LECTUREWISE PROGRAMME:** (from 08.01.18 to 27.04.18)

Introduction of the subject (08.01.18)	1
UNIT- I	
(09.01.18 to 15.02.18)	
Oracle overview and Architecture	1
Installing and managing oracle	1
creating a database and data dictionary	1
control and redo log files	1
Managing Table spaces and data files	1
Managing tables	1
Indexes, and constraints	2
Managing users and security	1
UNIT-II	
(26.02.18 to 020.03.18)	
Basic Oracle net architecture - basic net server side configuration,	2
basic net client-side configuration	2
usage and configuration of Oracle shared server architecture.	2
Backup and Recovery	2
Transporting data between databases - export and import utility	2
Loading data into database-SQL*loader,database performance tuning	1
UNIT- III	
(21.03.18 to 12.04.18)	
Basic constructs of PL/SQL ,	2
Cursors: need, types and implementation,	2
Stored Procedures,	2
Functions Unit	2
UNIT – IV	
(03.04.18 to 27.04.18)	
Active Database	2
ECA Rules, implementing ECA rules in PL/SQL	1
CUBE technology	5
Data ware house, creating a Data ware House in oracle	2

Home Assignments: 4 –5 assignments are given during the semester.

Evaluation Procedure

1.	Surprise Quiz/ Tutorial Test	5 Marks
2.	Assignment / Project / Performance in the Class	5 Marks
3.	Minor Tests (Two tests having equal weightage) Minor Test I : 14-16 Feb, 2018 Minor Test II : 4 -6 April, 2018	15 Marks
4.	Major test (University Examination)	75 Marks

Award of Grades Based on Absolute Marks: The University is following the system of grading based on absolute marks (after applying moderation if any). Following grading will be done based on the % of marks obtained in all the components of evaluation part of the subject.

A+ (90% - 100 %), A (80% - 89%), B+ (70% - 79%), B (62% - 69%), C+ (55% - 61%), C (46% - 54%), D (40% - 45%), F (Less than 40 %)

For F grade, a candidate shall be required to appear in the major test of concerned course only in the subsequent examination(s) to obtain the requisite marks/grade.

Attendance Record – Candidate should attend at least 75% attendance of the total classes held of the subject
Chamber consultation hour: Any vacant period.

Note:

1. In the semester examination, the examiner will set 08 questions in all selecting two from each unit (1 & 2 from unit I, 3 & 4 from unit II, 5 & 6 from unit III and 7 & 8 from unit IV). The students will be required to attempt only 5 questions selecting at least one question from each unit. All questions will carry equal marks.
2. The use of scientific calculator will be allowed in the examination. However, programmable calculator and cellular phone will not be allowed.
3. The use of properties (water, air, steam etc) tables, heat transfer tables, charts is permitted

(Neetu Verma)