

S.D.E.

**M.B.A. (IT) SEM – III (2010 COURSE) (3 YEAR COURSE) :
WINTER - 2017**

SUBJECT : DATABASE MANAGEMENT WITH ORACLE

Day : **Tuesday**
Date : **19/12/2017**

Time : **10.00 A.M. TO 1.00 P.M.**
Max. Marks : 70

W-2017-4352

N.B.:

- 1) Attempt **ANY FOUR** questions from Section – I and **ANY TWO** questions from Section – II.
- 2) Answers to both the sections should be written in **SEPARATE** answer books.
- 3) Figures to the right indicate **FULL** marks.

SECTION – I

- Q.1** Explain the following database objects with example [10]
a) Views b) Index c) Sequence
- Q.2** Explain the DML component of SQL with examples. [10]
- Q.3** What is cursor? Explain types of cursors with its attributes. [10]
- Q.4** What is PL/SQL? Explain the various components of PL/SQL. [10]
- Q.5** Write short notes on **ANY TWO** of the following: [10]
a) SQL data types
b) Group Functions
c) CODD's rules

SECTION – II

- Q.6** Write SQL queries for the following: [03]
a) Create following table with proper constraints: [03]
Department : Dno (P.K.), Dname (Not Null), Date_of_establishment, Location.
Employee : ENo (P.K.), Ename, City, Dno (F.K.), Salary.
b) Insert two records in each table. [02]
c) List the employees who belong to city 'Patna' or 'Delhi'. [02]
d) Display the total number of employees working in Finance department. [02]
e) Display the Department Name where Employee Numbered 20 is working. [02]
f) Add column Mobile_Number to Employee table. [02]
g) List the employees who are getting salary in range of 25000 to 35000. [02]
- Q.7** Consider table student with columns Rno, Name, Address and City. Write a PL/SQL block to print the information of all students using cursor. [15]
- Q.8** Write short notes on: [15]
a) ORDER BY clause c) Types of Reports
b) Grant and Revoke

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