A-3023
Second Year B. Sc. (Sem. III) Examination
March/April – 2015
Computer Science : Paper - V
(Relational Database Management System : I)

Time : 2 Hours] [Total Marks : 50

Instructions :
(1) Fill up strictly the details of signs on your answer book.
Name of the Examination : 
Name of the Subject : 
Subject Code No. : 3 0 2 3

(2) All questions carry equal marks.
(3) Question 1 is compulsory.
(4) Figures in the right side indicate full marks.

1 Answer in brief. 10
1 Define Foreign Key
2 What is use of Data Dictionary?
3 Describe cardinality in terms of relation.
4 Give examples of DCL.
5 What is use of Grant command?

2 (a) Explain ALTER TABLE command. 5
(b) Explain Data Constraints in detail. 5

OR

2 (a) Discuss 1 NF in detail with insert, delete and 5
modification issues.
(b) Describe Network model 5

3 (a) Discuss functions related to string. 5
(b) What is data type? Discuss different oracle basic data 5
types.

OR

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[Contd...
3 (a) In brief discuss different relation operators.  
(b) Discuss Hierarchical model.  

4 (a) What is SQL? Discuss Components of SQL.  
(b) Discuss different terms used in ER diagram.  

OR  

4 (a) Write a note on JOIN.  
(b) Discuss concept of VIEW.  

5 Attempt any five.  

Studentper(sno,sname,gender,birthdate) 
Studentmark (sno,class,examdate,m1,m2,m3) 
Using above Tables solve following queries.  
(a) Make table studentmark.  
(b) Delete studentper table.  
(c) Count total number of student.  
(d) Display sno,name,totalmark for student who secure 1st rank.  
(e) Calculate percentage.  
(f) Display sname start with s or d.  
(g) Change class to sybsc for sno=S1.  
(h) display student sno and percentage.