B.Com. (Sem. V) Examination
Oct-2015
Paper –VI MIP-08 RDBMS -I

Time: 2 hours 30 Minutes]   **[Total Marks: 70**

Q-1	1. Define the following terms:	14
	a) Data b) Information	
	c) Database d) Entity	
	e) Attribute f) Field	
	g) DBMS	

OR

Q-1	1. Write a detail note on Normalization	07
	2. Explain Dr E.F.Codd's Rule in detail for RDBMS	07

Q-2	1. What is SQL? Explain the features and components of SQL in detail	07
	2. Difference between SQL v/s SQL PLUS	07

OR

Q-2	1. Write a detail note on Data Type available in Oracle	08
	2. Explain following statement in detail:	06
	a) DDL b) DML c) DQL	

Q-3	1. What is Database Constraints? What is the requirement of database constraints? Explain all types of constraints in detail.	14

OR

Q-3	1. Explain Following Constraint in detail with syntax and example:	14
	1. Primary Key 2. Foreign Key 3. Unique Key	
	4 Check 5. Null 6. Not Null	

Q-4	1. What is an operator? Explain Arithmetic and Logical Operator in detail	07
	2. What is Function? How many types of functions are available in oracle? List out all types of function and explain any three-string function.	07

OR

Q-4	1. Write down the following function with syntax and example:	14
	1) Abs 2) Sqrt 3) Power 4) Add_Month 5) Concat	
	6) Months_Between 7) Substr	

Q-5	1. Write a detail note on Grouping Clause in Oracle:	08
	a) Definition b) Purpose C) Syntax D) Example	
	2. Write a detail note on Having Clause in Oracle:	06
	a) Definition b) Syntax c) Example with two aggregate function	

OR

Q-5	1. What is join? Explain all types of Join in Oracle with Example	14