

Dr Ambedkar College of Commerce and Economics, Wadala, Mumbai – 400 031
S.Y.B.Sc. (IT) Third Semester Examination October 2015
Sub: Advance SQL

Date: 23/10/2015

Marks: 75

Time: 8.00 to 10.30 a.m.

N.B. Draw neat diagrams wherever necessary.

- Q.1 Attempt any two.**
- A) Write short note on Numeric and string function with examples. (05)**
 - B) What are set operators and explain UNION and UNION ALL ? (05)**
 - C) Write short note on Aggregate function. (05)**
- Q.2 Attempt any two.**
- A) Explain different search conditions used in SQL during selecting data. (05)**
 - B) Write short note on outer joins. (05)**
 - C) What are variables and how are they declared in Declaration section with %row type and constant variables explain with simple example. (05)**
- Q.3 Attempt any two.**
- A) Write Short note on Sequence with proper syntax (05)**
 - B) Create a cyclic sequence generating odd number sequence. (05)**
 - C) Write short note on selection statements in PL/SQL. (05)**
- Q.4 Attempt any two.**
- A) Explain explicit cursors with syntax and explain its attributes. (05)**
 - B) Write Short note on Inverse for loop statement in PL/SQL with syntax. (05)**
 - C) Write a PL/SQL program to accept account no and check display current balance from account using parameterized cursor. Accounts (accno,cust_name,balance) (05)**
- Q.5 Attempt any two.**
- A) Explain procedures with proper syntax. (05)**
 - B) Explain are Database triggers explain with proper syntax? (05)**
 - C) Create a Trigger before and after delete and update of each record in account_mstr table and insert the deleted and updated record in new_acc_mstr table ,column for both table are(acc_no,cur_balance) (05)**
- Q.6 Attempt any two.**
- A) Write short note on Functions with proper syntax. (05)**
 - B) Create a function to calculate and return the average of three numbers. (05)**
 - C) Create a procedure to find greatest of four numbers supplied. (05)**
- Q.7 Attempt any three.**
- A) Write short note on different categories of SQL statement. (05)**
 - B) Explain Minus and intersect set operators. (05)**
 - C) Explain different transaction controls and savepoint. (05)**
 - D) What are different types of privileges in database security? (05)**
 - E) Explain named exceptions with example. (05)**
 - F) Write short note on while loop statement (05)**