Mid-West University
Examinations Management Office
Birendranagar, Surkhet
End Semester (Alternative/Physical) Examinations -2078

Bachelor level/ B.Sc CSIT /6th Semester   Full Marks : 60

Time: 3hrs   Pass Marks : 30

Subject : Database Administration (COM465B)

Candidates are required to give their answers in their own words as far as practicable. The figure in the margin indicates full marks.

1. a) What is database independence? Explain client server architecture. **[5]**

   b) How do you multiplex control files in Oracle database? **[5]**

2. Explain Oracle server architecture with its diagram. **[10]**

3. Who is DBA? Write roles and responsibility of DBA. **[10]**

   OR

   Why do we use a stored procedure in SQL? Write a procedure to display the total number of employees in a department. Assume an employee table consisting of records of all employees and we can search data using department number.

4. a) How do you create a user with default tablespace and quota on it? **[5]**

   b) What is a trigger? Write the syntax of creating triggers. **[5]**

5. What is system global area in oracle? What do you mean database privileges? Explain different types of privileges in database? How do you grant and revoke privileges to a user?

   [10]

   OR

   What is control file? Define backup. How do we backup database using RMAN?

6. Describe various types of SRC command in Database. **[10]**

THE END