

Mid-West University
Examinations Management Office
End Semester Examinations -2080

Bachelor level/ B.Sc CSIT / 6th Semester

Time: 3 hours

Subject: Data Base Administration (COM465B)

Full Marks: 60

Pass Marks: 30

Candidates are required to give their answer in their own words as far as practicable. The figures in the margin indicate full marks.

Group A

Long Answer Questions (Any Three)

[3x8=24]

- 1) What is a control file? Discuss its contents. List the steps to multiplex a control file.
- 2) What is a privilege in database? Explain system and object privileges in detail with SQL statements to grant and revoke these privileges.
- 3) What is a stored procedure? Write a stored procedure to display minimum, maximum and average salary of employees with department_id as given argument.
- 4) Explain different performance tuning and diagnostic advisors in Oracle database.

Group B

Short Answer Questions (Any Five)

[5x4=20]

- 5) List out the responsibilities of a DBA.
- 6) Discuss different background processes in Oracle server.
- 7) Explain the logical structure of Oracle database.
- 8) What are the attributes of user that need to be specified during user creation? Illustrate with an example.
- 9) Discuss roles and profiles in DBA.
- 10) Explain AWR in brief.

Group C

Very Short Answer Questions

[8x2=16]

- 11) What are the major advantages of centralized database system?
- 12) Draw diagram of Oracle server showing necessary components.
- 13) List the name of tablespaces in Oracle server.
- 14) What is archived redo log?
- 15) What is a database trigger? Why it is needed?
- 16) Differentiate between physical and logical backup.
- 17) What are the different types of failures in Oracle environment?
- 18) What is RMAN?

THE END