Tribhuvan University
Institute of Science and Technology
2071

Bachelor Level/ Fourth Year/ Seven Semester/ Science   Full Marks: 60
Computer Science and Information Technology (CSc. 406)   Pass Marks: 24
(Database Administration)   Time: 3 hours
(NEW COURSE)

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

Section A

Attempt any Two questions.(2x10=20)

1. What do you mean by Database and database management system? Explain the SQL Plus overview.
2. Explain the managing maintaining and monitoring redo log files with appropriate example.
3. Explain the backup and recovery plan and strategy with practical example.

Section B

Attempt any Eight questions.   (8x5=40)

1. How can you manage the control files? Explain.
2. Explain the database security and auditing.
3. Explain the testing the backup and recovery plan.
4. What do you mean by backup and recovery strategy?
5. Explain the RMAN with example.
6. What do you mean by tuning methodology?
7. Explain the virtual private database with example.
8. Explain the parallel instance recovery with practical example.
9. What are the major difference between automatic database management and automatic storage management?
10. Write short note on:
    1. DBA   roles
    2. Column masking

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