Tribhuvan University
Institute of Science and Technology

2069

Bachelor Level/ First Year/ First Semester/ Science — Full Marks: 60
Computer Science and Information Technology (CSc. 252) — Pass Marks: 24
(System Analysis And Design)

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

Group A
Long Answer Questions:

Attempt any two: (2x10=20)

1. Explain different types of information system with examples and compare each of them.
2. Create a DFD of student information system till level 2.
3. Explain the process of maintaining information system with example.

Group B
Short Answer Questions:

Attempt any eight: (8x5=40)

4. Differentiate between DSS and MIS.
5. What do you mean by JAD? Explain
6. Explain the steps of ER design.
7. What do you mean by cases tools? Explain case tools in data modeling.
8. Explain the steps in feasibility analysis.
9. What do you mean by normalization explain with example.
10. What are two important things to remember about testing systems?
11. System documentation Vs User documentation.
12. Explain different types of maintenance.
13. Explain Unified Modeling Language with example.