Tribhuvan University

Institute of Science and Technology

2066

Bachelor Level/ First Year/ First Semester/ Science

Full Marks: 60

Computer Science and Information Technology (CSc. 101)

Pass Marks: 24

(Introduction to Information Technology)   Time: 3 hours.

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

Long Questions: Attempt any two questions: (2x10=20)

1. Explain the CPU and its working principle?

2. Explain how a distributed data processing system works.

3. Explain the network topology. What are different types of network topologies?

Short Questions: Attempt any eight questions: (8x5=40)

4. What are the different kinds of output devices?

5. What is application software?

6. What is the advantage of graphical user interface (GUI)?

7. What do you mean by multitasking?

8. Differentiate between compilers and interpreters.

9. What do you mean by HTTP and how does it work?

10. What are the components of data warehouse?

11. Explain the different types of computer network.

12. Describe the communication processor.

13. What are the major disadvantages of distributed data processing?