Bachelor Level / First Semester / Science   Full marks: 60
Computer Science and Information Technology(CSC109)   Pass marks: 24
((TU CSIT) Introduction to Information Technology)   Time: 3
hours
Candidates are required to give their answers in their own words as far as practicable.
The figures in the margin indicate full marks.

Long Questions

Attempt any two questions: (2 × 10=20)

1. Mention the different categories of digital computers and compare it.

2. Explain the different types of database management systems with example.

3. Explain the different type of modulation with suitable figure.

Short Questions:

Attempt any eight questions: (8 × 5 = 40)

4. What are the major components of a computer?

5. What are the different types of software used in the computer systems?

6. What are the major characteristics of data in a database?

7. What do you mean by normalization?

8. What are the major components of a computer networks?

9. What are the major advantages of distributed data processing?

10. What are the different protocols available on the Internet?

11. How does an email work?

12. What do you mean by Intranet?

13. What do you mean by office automation systems?