Tribhuwan University

Institute of Science and Technology

Introduction to Information Technology

2068

Long Questions :

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

1. Explain how the CPU and memory work with suitable diagram. Compare between CISC and RISC architecture in brief.

2. Differentiate between centralized Data processing system and Distributed Data Processing System. State advantages and disadvantages of distributed systems.

3. Explain about Internet and Intranet. List some activities that you can do on the Internet. Describe, how the World Wide Web is different from the Internet?

Short Questions:

Attempt any eight questions:

4. Distinguish among the four kinds of computer systems.
5. Define RAM, ROM, PROM, and EPROM.
6. What are the features of today's software applications? Explain.
7. What is the difference between sequential and direct-access file processing?
8. Explain the meaning of up-link, down-ling and cross-link.
9. How will you compose, reply and forward an e-mail message?
10. What is GIS? What are the components of GIS? How GIS works?
11. Explain CAD? CAM system.
12. Highlight on Computers in Education and training in brief.
13. Write shore notes on (any two):
    a) Compiler and Interpreters
    b) MICR, OCR and OMR
    c) Data Normalization