

**II Semester B.Sc. (I.T.) Examination, June/July 2010**  
**FUNDAMENTALS OF INFORMATION SCIENCE**

Time : 3 Hours

Max. Marks : 75

***Instruction** : Answer **all** questions from Part A, and answer **any five** questions from Part B.*

**PART – A**

**(10×2+5×1=25)**

1. What do you understand by the term system element ?
2. Name different types of CBIS.
3. What is File merging ?
4. What is Transition files ?
5. What is MIS ?
6. What is an closed system ?
7. What is Forecasting system ?
8. What is capital budgeting ?
9. What are the limitations of DSS ?
10. What is Information redundancy ?
11. Explain the following :
  - a) TPS
  - b) E-Mail
  - c) ERP
  - d) Voice mail
  - e) RDBMS.

**P.T.O.**

## PART – B

**(5×10=50)**

1. Explain the properties of Information.
  2. Name and explain different types of Networks.
  3. List the advantages and disadvantages of centralized data processing.
  4. What are the goals and objectives of Information Science ?
  5. List out the advantages and disadvantages of DSS.
  6. Define and explain the terms capital budgeting and operational budgeting.
  7. Mention various types of files used in business data processing and explain each one of them.
  8. What is an ERP ? How do you prepare an organization for ERP ?
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