

**MLISC 1st Semester Examination, 2012**  
**INFORMATION AND COMMUNICATION**

**PAPER — MLI-101**

**Full Marks : 40**

**Time : 2 hours**

**Answer all questions**

*The figures in the right-hand margin indicate marks*

*Candidates are required to give their answers in their own words as far as practicable*

*Illustrate the answers wherever necessary*

1. Write short notes on any *two* of the following : 5 × 2
  - (i) Spiral of scientific method
  - (ii) Sensitivity analysis
  - (iii) Phases of human communication.
  
2. (a) (i) Explain the basic elements of information science. How will you differentiate informed society from an informative society? 7 + 4

( Turn Over )

(ii) State the characteristics of knowledge. 4

Or

(b) (i) Define information science. Discuss how information has played an important role in the society. 2 + 8

(ii) Discuss in brief different types of knowledge. 5

3. (a) (i) Discuss the various barriers to communication. 8

(ii) Compare the characteristics of information transfer chain of the past and that of the present. 7

Or

(b) (i) What do you mean by feedback in communication? 5

(ii) What is information generation? Discuss the modes by which we can generate information. 2 + 8