

**2017**

**MLISc**

**1st Semester Examination**

**INFORMATION AND COMMUNICATION**

**PAPER—MLI-101**

**Subject Code—08**

*Full Marks : 40*

*Time : 2 Hours*

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

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

*Answer all questions.*

1. Write short notes on any two of the following : 2×5
  - (a) Modes of Knowledge conversion.
  - (b) Interactive model of communication.
  - (c) Differences between semantic centred approach and context-dependent approach to information theory.
  
2. (a) (i) Define 'Information'. Explain the different approaches of information science. 2+8

*(Turn Over)*

- (ii) Differentiate between Priori knowledge and posteriori knowledge. 5

Or

- (b) (i) State the characteristics of knowledge. Describe the orders of knowledge as explained by H. E. Bliss. 3+6

- (ii) Discuss the Information foraging Theory. 6

3. (a) (i) Explain the different types of communication process. 8

- (ii) Describe the impact of information technology on the information generation process. 7

Or

- (b) (i) Discuss the different modes of information generation process. 7

- (ii) Define information entropy with examples. 4

- (iii) Explain, with an example 'Sensitivity analysis'. 4

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