

2015

M.LI.Sc.

1st Semester Examination

INFORMATION AND COMMUNICATION

PAPER—MLI-101

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) Tripartite theory of knowledge.
 - (b) Circular models of communication.
 - (c) Information entropy.

(Turn Over)

2. (a) (i) Explain the need behind the birth of information science. 5
- (ii) State the importance of data in modern day research and development. Describe its types along with their advantages and disadvantages. 4+6

Or

- (b) (i) Explain with diagram the spiral of scientific method. 7
- (ii) Describe the knowledge archetype. State the characteristics of knowledge. 5+3
3. (a) (i) Discuss the different types of human communication. 8
- (ii) Describe the present information transfer chain with a suitable diagram. 7

Or

- (b) (i) Explain the elements of communication process. 7
- (ii) Discuss different approaches to information theory. 8
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