

2011

MLISc

2nd Semester Examination

**INFORMATION AND COMMUNICATION TECHNOLOGY
(THEORY)-II**

PAPER—MIL-207

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.

Illustrate the answers wherever necessary.

Answer all questions.

- 1. Write short notes on any two of the following : 5×2**
 - (a) UTF - 8
 - (b) Open Source LMSs
 - (c) Metadata
 - (d) Datamining

- 2. (A) Why are the different functional modules of an ideal Library Management Software ? Compare the Library Management Software available in India using**

(Turn Over)

appropriate yard sticks. Comment on the future trend of Library Management. Software towards implementation of Library 2.0 3+8+4

Or

(B) What is a Semantic Digital Library? Describe the role of ontology, in Solving the problems of to-day's library. Which are the application areas of the emerging Semontic Web technologies. 3+7+5

3. (A) What is the basic idea behind OAI-PMH? Give an architectural overview of Resources, Items and records in this connection. Explain the basic commands of OAI-PMH. 4+6+5

Or

(B) What do you understand by Natural Language Processing? What are different linguistic levels of analysis? Illustrate the application areas of NLP within the purview of Library and information science with suitable example. 3+5+7

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