2017

MLISc

2nd Semester Examination

INFORMATION AND COMMUNICATION TECHNOLOGY (THEORY)–II

PAPER—MIL-208

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) Evaluation of ILMS ;

    (b) Architecture of the Digital Library Software ;

    (c) UNICODE ;

    (d) Role of NLP in indexing.

2. (a) Enumerate different functions of Library Management System. Illustrate the concept of 'budget' and 'fund' in the light of KOHA. Explain the term 'integrated' in the 'integrated Library Management System'.

                                                6+5+4

(Turn Over)

Or

(b) Why ASCII is incapable of accomodating Indic scripts ? How will you design a multilingual digital literary system in Bengali language ? Mention some of the problems in developing a digital library system in Bengali language, using existing technology.

5+6+4

3. (a) What do you understand by metadata harvesting ? Explain the role of OAI/PMH in this context. Illustrate the concept of 'federated search' with examples.

4+6+5

Or

(b) What is data mining ? Explain the basic design of an Expert System with suitable diagram. Evaluate the role of 'rule base' in an inference engine.

5+7+3

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