



**ML 5**

**M.L.I.Sc. Degree Examination, June/July 2010**  
**LIBRARY AND INFORMATION SCIENCE**  
**Paper – V : Information Systems : Architecture and Retrieval**

Time : 3 Hours

Max. Marks : 80

I. Answer **any four** of the following : **(4×10=40)**

- 1) Explain the different components of information retrieval system.
- 2) Critically examine the characteristics of indexing language.
- 3) Explain the practical and strategic issues in digitization of library collections.
- 4) Write an account on probabilistic models of information retrieval.
- 5) Discuss the criteria for evaluation of IRS.
- 6) What are subject headings ? Explain the need and importance of subject headings in IR.

II. Write short notes on **any four** of the following : **(4×5=20)**

- 7) Boolean Logical Operators.
- 8) Vocabulary control.
- 9) Resource Discovery.
- 10) Plexus.
- 11) Digital Libraries.
- 12) Cognitive Models.

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III. Write brief answers to the following :

**(10×2=20)**

- 13) What is a search statement ?
  - 14) Name the Boolean Logical Operators.
  - 15) What is lateral searching ?
  - 16) What does POPSI stands for ?
  - 17) What is Empirical model ?
  - 18) Define retrieval effectiveness.
  - 19) What is truncation ?
  - 20) Define information retrieval.
  - 21) Name any two digital library initiatives in India.
  - 22) What is Thesaurofacet ?
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