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L8B

Code No: 09A70512

**R09**

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**

**B. Tech IV Year I Semester Examinations, May/June - 2013**

**Information Retrieval Systems**

**(Common to CSE, IT)**

**Time: 3 Hours**

**Max. Marks: 75**

**Answer any Five Questions  
All Questions Carry Equal Marks**

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- 1.a) Discuss the objectives of information retrieval systems.
- b) Write brief notes on digital libraries and data ware houses. [15]
- 2.a) Compare the N-gram data structure and PAT data structure.
- b) Discuss the objectives of cataloging and indexing. [15]
3. What is meant by automatic indexing? Discuss about statistical indexing and concept indexing. [15]
4. Describe the concept of term clustering. Discuss in detail about item clustering. [15]
- 5.a) Explain about similarity measures and ranking.
- b) Discuss briefly about information visualization technologies. [15]
6. What are software text search algorithms? Explain them clearly. [15]
7. What is meant by multimedia information retrieval? Discuss about indexing and searching. [15]
8. Write short notes on the following:
  - a) OPACs.
  - b) Online IR Systems.
  - c) Hyper text data structures. [15]

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