

Code No: C6203

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

M.Tech I - Semester Examinations, March/April 2011

INFORMATION RETRIEVAL SYSTEMS

(WEB TECHNOLOGIES)

Time: 3hours

Max. Marks: 60

**Answer any five questions
All questions carry equal marks**

- 1.(a) What is Information Retrieval system? Explain the objectives of IRS.
(b) Explain Total Information Retrieval system with neat diagram. [12]
- 2.(a) What is the main objective of Search capability? Explain various search Capabilities. [12]
3. (a) What are the features of Indexing process? Explain.
(b) Explain the methods involved in Automatic Indexing. [12]
4. Explain the following
(a) PAT Data structure
(b) Signature File structure. [12]
5. (a) Explain the Data flow in Information processing system.
(b) Narrate the working of Simple Term Frequency Algorithm. [12]
6. How to create a cluster with a set of existing clusters? Explain with example. [12]
- 7.(a) Explain similarity measures and ranking.
(b) What are Hidden Markov model techniques? Explain. [12]
8. What are the measures used in system evaluation? Explain. [12]
