

Code No: 09A70512

**R09**

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**

**B. Tech IV Year I Semester Examinations, June/July - 2014**

**INFORMATION RETRIEVAL SYSTEMS**

**(Common to CSE, IT)**

**Time: 3 Hours**

**Max. Marks: 75**

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

---

1. Describe Functional Overview of Information Retrieval System in detail.
- 2.a) Explain Porter Stemming Algorithm.  
b) Explain Inverted file structures with example.
3. Explain various Statistical indexing techniques.
4. Explain various automatic term clustering techniques.
5. Explain various Boolean and Weighted search systems.
6. Explain Hardware text search systems.
7. Explain Data modeling methods used for Multimedia Information Retrieval.
8. Explain about OPACs.

--ooOoo--