

FACULTY OF INFORMATICS

B.E. IV/IV Year (IT) II Semester (Main) Examination, May/June 2011

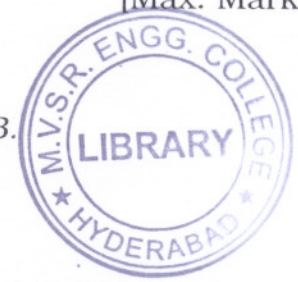
INFORMATION RETRIEVAL SYSTEMS

(Elective - IV)

Time : 3 Hours]

[Max. Marks : 75

Answer **all** questions from Part A.
Answer any **five** questions from Part B.

**Part A** – (Marks: 25)

1. What is Logical view of a document? 2
2. What is multimedia? What are the different types of multimedia formats? 2
3. Compare and contrast Retrieval and Browsing. 2
4. What are tries? 2
5. What is dictionary method of text compression? 2
6. What is precision and recall? What do they indicate? 3
7. What are the stop words? How they are used in IR? 3
8. Compare query expansion based on local and global clustering. 3
9. What do you mean by term reweighting for probabilistic model. 3
10. Define index terms of keywords. How they are useful in IRS? 3

Part B – (Marks: 50)

11. Explain Belief net work model of information retrieval. 10
12. Discuss keyword based querying. 10
13. Discuss the various steps in document preprocessing. 10
14. What is coding? Explain text compression using Huffman coding model. 10
15. Explain indexing through suffixing trees and arrays. 10
16. Explain the use of inverted files in indexing. 10
17. What is distributed information retrieval? Discuss the various issues. 10