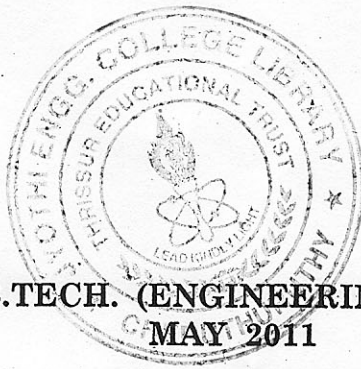


C 15897



Name.....

Reg. No.....

**EIGHTH SEMESTER B.TECH. (ENGINEERING) DEGREE EXAMINATION  
MAY 2011**

CS 04 801—INFORMATION RETRIEVAL

Time : Three Hours

Maximum : 100 Marks

- I. 1 Write short note on retrieval process with relevant block diagram.  
2 Write the advantage and disadvantage of extended Boolean IR model.  
3 What are the alternative measures for retrieval performance evaluation?  
4 Briefly explain Boolean queries with relevant examples.  
5 List out all text format and discuss the differences among them.  
6 Briefly explain markup language XML with examples.  
7 Explain briefly about ranking in search engine.  
8. Discuss characterizing the web.

(8 × 5 = 40 marks)

- II. (a) Explain set theoretic IR model for fuzzy as well as extended Boolean.

Or

- (b) Discuss in detail latent semantic indexing with example and briefly explain generalized vector of algebraic model.

- III. (a) Explain in detail all types of query protocols.

Or

- (b) Explain automatic global analysis with relevant examples.

- IV. (a) Write in detail all the similarity models for text.

Or

- (b) Explain the entire multimedia data format with example.

- V. (a) Explain image features and distance function in two dimensional color images in multimedia IR.

Or

- (b) Write in detail different architecture used for search engine.

(4 × 15 = 60 marks)