The LNM Institute of Information Technology

First mid Semester Exam-2013

Information Retrieval and Web Search

Max Marks: 10

**Note: Each question carry equal marks.**

Q1. Simple natural language words are very basic index keys for retrieval systems. Since the topics for which users seek to retrieve documents are often complex, it is frequently claimed that simply looking for matches on any subset of a set of submitted single-word keys is not a discriminating enough approach to retrieval. Explain the techniques for creation of index. Explain the parameters used for performance analysis.

Q2. What are the goals of document summarization? Give a method for automatic text summarization.

Q3. Why are query terms and document terms weighted in modern information retrieval systems? Describe a method for weighting terms.

Q4. Give a comparative analysis of various similarity metrics used in Information Retrieval.

The LNM Institute of Information Technology

First mid Semester Exam-2013

Information Retrieval and Web Search

Max Marks: 10

**Note: Each question carry equal marks.**

Q1. Simple natural language words are very basic index keys for retrieval systems. Since the topics for which users seek to retrieve documents are often complex, it is frequently claimed that simply looking for matches on any subset of a set of submitted single-word keys is not a discriminating enough approach to retrieval. Explain the techniques for creation of index. Explain the parameters used for performance analysis.

Q2. What are the goals of document summarization? Give a method for automatic text summarization.

Q3. Why are query terms and document terms weighted in modern information retrieval systems? Describe a method for weighting terms.

Q4. Give a comparative analysis of various similarity metrics used in Information Retrieval.