

C 56282



Name.....

Reg. No.....

**EIGHTH SEMESTER B.TECH (ENGINEERING) DEGREE
EXAMINATION, JUNE 2009**

CS 04 801 — INFORMATION RETRIEVAL

Time : Three Hours

Maximum : 100 Marks

Answer all questions.

Part A

1. Describe the Probabilistic IR models.
2. Explain the logical view OP Documents.
3. Write short notes on : TREC.
4. Discuss on Boolean Queries.
5. Describe the Multimedia data formats.
6. Explain Pattern Matching.
7. Describe the Spatial access methods.
8. Write in detail about Web directories.

(8 × 5 = 40 marks)

Part B

9. Explain the following in detail :

(a) Set theoretic model.

(7 marks)

(b) Algebraic model.

(8 marks)

Or

10. Explain the Process of Information Retrieval.

11. Discuss on the performance evaluation of IR.

Or

12. Explain the following :

(a) Keyword based Queries.

(7 marks)

(b) Context Queries.

(8 marks)

13. Describe the Indexing and Searching methods.

Or

14. Explain the following :

(a) Meta Data.

(8 marks)

(b) Text Formats.

(7 marks)

Turn over

15. Write in detail about the generic Multimedia Indexing approach.

Or

16. Explain the following :

(a) Feature extraction

(8 marks)

(b) Distance functions.

(7 marks)

[4 × 15 = 60 marks]