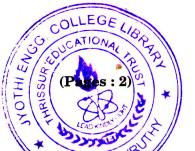
## C 56282



Name	•
Reg. No	•

## EIGHTH SEMESTER B. TECHT (ENGINEERING) DEGREE EXAMINATION, JUNE 2009

CS 04 801 - INFORMATION RETRIEVAL

Time: Three Hours	Maximum:	100 Mark

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.

 $(8 \times 5 = 40 \text{ marks})$ 

## Part B

- 9. Explain the following in detail:
  - (a) Set theoretic model.

(7 marks)

(b) Algebric 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

(b) Distance functions.

(8 marks)

(7 marks)

 $[4 \times 15 = 60 \text{ marks}]$