

Code No: **R42059**

R10

Set No. 1

IV B.Tech II Semester Supplementary Examinations, April/May - 2019

INFORMATION RETRIEVAL SYSTEMS

(Computer Science and Engineering)

Time: 3 hours

Max. Marks: 75

**Answer any FIVE Questions
All Questions carry equal marks**

- 1 a) Give the functional overview of Information retrieval system. [8]
b) Write about Information retrieval system relationship with RDBMS. [7]
- 2 a) Give an overview on Miscellaneous capabilities of Information retrieval system. [7]
b) Briefly explain how Automatic Indexing, Information Extraction works. [8]
- 3 a) Write about Streaming Algorithms. [8]
b) Explain PAT data structure. [7]
- 4 a) Briefly explain Statistical Indexing. [8]
b) Explain Hypertext Linkages. [7]
- 5 a) Give an overview on Document and Term clustering. [7]
b) Explain about Item Clustering. [8]
- 6 a) How Selective dissemination of information search is done to the user. [7]
b) How do you expect that relevance feedback using negative judgments will affect the precision and recall of an information system? [8]
- 7 a) Give an overview on information Visualization. [7]
b) Write about Cognition and perception. [8]
- 8 a) Explain about Hardware text search systems. [7]
b) Give a Measurement example with TREC result. [8]