

Code: 9A12702

R09

B.Tech IV Year I Semester (R09) Supplementary Examinations, May 2013

INFORMATION RETRIEVAL SYSTEMS

(Information Technology)

Time: 3 hours

Max. Marks: 70

Answer any FIVE questions
All questions carry equal marks

- 1 (a) Write about objectives and functional overview of information retrieval systems.
(b) What is the difference between the concept of digital library and information retrieval systems?
- 2 (a) Discuss the concept of automatic indexing techniques.
(b) Explain the concept of information extraction.
- 3 (a) Explain the concept of porter stemming.
(b) Apply the porter stemming steps to the following words:
 - (i) Irreplaceable
 - (ii) Informative
 - (iii) Activation
 - (iv) Triplicate
- 4 (a) Introduce indexing. Write about automatic term clustering.
(b) How is a thesaurus generated? Explain.
- 5 (a) Explain about PAT data structure.
(b) Explain about N-gram data structure.
- 6 Explain about different measures used in information system evaluation.
- 7 (a) Give a note on statistical indexing.
(b) Explain hypertext linkages.
- 8 (a) Write about information system evaluation.
(b) Explain about TREE results.
