R09

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD
M.Tech II - Semester Examinations, March/April 2011
INFORMATION RETRIEVAL SYSTEMS
(COMMON TO COMPUTER NETWORKS, COMPUTER SCIENCE, COMPUTER SCIENCE & ENGINEERING)

Time: 3hours   Max. Marks: 60

Answer any five questions
All questions carry equal marks
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1.   Explain the following Browse capabilities
        a) Vocabulary
        b) Ranking
        c) Multimedia.   [12]

2.   Explain the following data structures by giving suitable examples
        a) N-gram
        b) PAT
        c) Hypertext.   [12]

3. a)   What is a Thesaurus? Explain in detail semantic thesaurus.
   b)   Discuss about
        i) Natural language queries.
        ii) Multimedia queries.   [12]

4.   Write about
        a) Selective dissemination of information search.
        b) Searching the Internet.
        c) Information visualization technologies.   [12]

5.   List out the various techniques in Automatic Term Clustering. Explain.   [12]

6. a)   Explain the concept of text search with relevant examples.
   b)   Describe the various measures used in the information system evaluation.   [12]

7.   Write about different measures used in system evaluation.   [12]

8.   Write about
        a) Query languages.
        b) OPACS.   [12]

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