Code: 9F00504c

MCA V Semester Regular & Supplementary Examinations December 2015
INFORMATION RETRIEVAL SYSTEMS
(For 2010, 2011, 2012 & 2013 admitted batches only)

Time: 3 hours   Max. Marks: 60

Answer any FIVE questions
All questions carry equal marks
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1 (a) Explain the relevance of the information retrieval system with databases and data warehouses.
   (b) Explain search and browse capabilities of an information retrieval systems.

2 (a) Differentiate information extraction and information retrieval systems.
   (b) Explain how cataloging and indexing helps to retrieve information.

3 (a) Explain the classes of automatic indexing.
   (b) What is item clustering? Explain the procedure to build item clustering.

4 (a) Explain how to determine similarity measure with an example.
   (b) What is ranking? Describe how to find ranking for given a search term/item.

5 (a) Explain any one hardware test search algorithm.
   (b) Explain TREC algorithm with the help of an example.

6   Describe the working of parallel IR using SIMD and MIMD architectures.

7 (a) Discuss about different multimedia IR model.
   (b) Explain about various query languages present in multimedia IR.

8   Write short notes on the following:
   (a) OPACs.
   (b) Digital libraries.
   (c) Bibliographical systems.

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