Code: 9A12702

B.Tech IV Year I Semester (R09) Regular & Supplementary Examinations December 2015

INFORMATION RETRIEVAL SYSTEMS

(Common to CSE and IT)

Time: 3 hours   Max. Marks: 70

Answer any FIVE questions
All questions carry equal marks

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1   (a)   Discuss in detail objectives of information retrieval systems.
    (b)   Explain about search capabilities.

2   (a)   What is indexing? Explain about automatic indexing.
    (b)   Explain with example porter algorithm.

3   (a)   Explain the importance of indexing in IRS.
    (b)   Write the differences between statistical and concept indexing.

4   Compare manual clustering with automatic term clustering. Explain in detail automatic term clustering.

5   (a)   Discuss in detail ranking algorithms.
    (b)   What is information visualization? Explain about searching the internet.

6   What is hardware text search system? Explain in detail.

7   Explain in detail data modeling for multimedia information retrieval.

8   Discuss about:
    (a)   Online IR systems.
    (b)   Digital libraries.

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