

Roll No

CS-7004(3) (CBGS)**B.E. VII Semester**

Examination, November 2018

Choice Based Grading System (CBGS)**Modern Information Retrieval***Time : Three Hours**Maximum Marks : 70*

- Note:** i) Attempt any five questions.
ii) All questions carry equal marks.

1. a) Explain various types of Information Retrieval Systems.
<https://www.rgpvonline.com> 7
b) Describe the usage of Cataloging and Indexing in Information Retrieval Systems. 7
2. a) What do you mean by concept indexing approach? Explain in detail with a suitable example. 7
b) Explain in brief about Probabilistic weighting approach. What are the different areas in which the probabilistic approach may be applied? 7
3. a) Explain in detail about Vector Weighting. What are the general problems with the Vector Model? 7
b) Give the two major approaches to generating queries? Explain in detail. <https://www.rgpvonline.com> 7
4. a) What do you mean by cluster? Give the hierarchy of Clusters. 7
b) Explain the weighted searches of Boolean systems. 7

5. a) What are the processing steps used in automatic relevance feed back to enhance user query? Explain. 7
b) Write short notes on the following with examples: 7
i) Similarity measures
ii) Ranking algorithms
<https://www.rgpvonline.com>
6. a) Differentiate between Digital Libraries and Data Warehouses. 7
b) How Digital Libraries can be used as Information base Systems? 7
7. a) What is the need of Information retrieval systems and what are its objectives? 7
b) Describe briefly Online IR systems and OPACs. 7
<https://www.rgpvonline.com>
8. a) Explain the similarity measures that can be used in User search techniques. 7
b) Explain about classes of Automatic Indexing. 7
