

ACE-R20

III B. Tech- I Semester Supplementary - January-2025

INFORMATION RETRIEVAL SYSTEMS

CSM & CSD

Time: 3 Hours**Max. Marks: 70**[illegible]

Note: This question paper contains two parts A and B.

Part A is compulsory which carries 20 marks. Answer all questions in Part A.

Part B consists of 5 Units. Answer any one full question from each unit. Each question carries 10 marks and may have a, b, c as sub questions

PART- A

MARKS: 10*2=20

| Q.No: 1 | Question | Marks |
|---------|--|-------|
| a) | <i>Explain recall.</i> | 2 |
| b) | <i>Discuss about ranking.</i> | 2 |
| c) | <i>Compare indexing by term and indexing by concept.</i> | 2 |
| d) | <i>Discuss about hypertext history</i> | 2 |
| e) | <i>Describe statistical indexing.</i> | 2 |
| f) | <i>What is thesaurus generation?</i> | 2 |
| g) | <i>Define cognition.</i> | 2 |
| h) | <i>List any two key characteristics of intelligent agents.</i> | 2 |
| i) | <i>What are the approaches to the data stream.</i> | 2 |
| j) | <i>Discuss Fast Data Finder technique</i> | 2 |

PART- B

MARKS: 5*10=50

| Q.No | Question Description | Marks |
|------|---|-------|
| 2. | <i>Breifly explain text normalization process</i> | 10 |
| | (OR) | |
| 3 | <i>Discuss aboout miscellaneous capabilities.</i> | 10 |
| 4 | <i>Illustrate porter stemming algorithm with an example.</i> | 10 |
| | (OR) | |
| 5. | <i>Differentiate the process of information extraction from the process of document indexing?</i> | 10 |
| 6 | <i>Eloborate complete term relation method.</i> | 10 |
| | (OR) | |
| 7 | <i>Discuss about Bayesian Model.</i> | 10 |
| 8 | <i>Eloborate hidden markov models techniques.</i> | 10 |
| | (OR) | |
| 9 | <i>Explain Information Visualization Technologies</i> | 10 |
| 10 | <i>Illustrate Knuth-Morris-Pratt Algorithm with an example.</i> | 10 |
| | (OR) | |
| 11 | <i>Summarize Video Retrieval.</i> | 10 |