

Code No.: CS624PE

R20

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CMR ENGINEERING COLLEGE: : HYDERABAD
UGC AUTONOMOUS
III-B.TECH-II-Semester End Examinations (Regular) - May- 2023
INFORMATION RETRIEVAL SYSTEM
(CSE)

[Time: 3 Hours]

[Max. Marks: 70]

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

(20 Marks)

1. a) Explain miscellaneous capabilities. [2M]
- b) Define the IRS. [2M]
- c) What is signature file structure? [2M]
- d) List Hidden markov models. [2M]
- e) Explain automatic indexing. [2M]
- f) Define Similarity measure. [2M]
- g) What is weighted search? [2M]
- h) Define cognition. [2M]
- i) What is software text search? [2M]
- j) Explain multimedia information retrieval. [2M]

PART-B

(50 Marks)

2. Explain about search and browse capabilities. [10M]
- OR**
3. Discuss in detail about functional overview. [10M]
4. Write about objectives of indexing. [10M]
- OR**
5. Explain in detail Hypertext and XML data structures. [10M]
6. Write about Thesaurus generation with example. [10M]
- OR**
7. Explain Statistical indexing with example. [10M]
8. Illustrate about different Similarity measure and Ranking. [10M]
- OR**
9. Discuss about cognition and perception. [10M]
10. Explain about video retrieval in detail. [10M]
- OR**
11. Write about spoken language and audio retrieval. [10M]
