

Important Questions of IRS(Information Retrieval Systems)

UNIT-I

1. What is Information Retrieval System? Explain about types of searches in IRS?
2. Explain about objectives of Information Retrieval Systems?
3. What is Precision & Recall
4. Explain briefly about functional Overview? Draw with figure?
5. Explain about Digital Libraries and Data ware houses with list of softwares?
6. Explain about Information Retrieval System Capabilities
 - Querying
 - Browsing
 - Miscellaneous Capabilities

UNIT-II

1. What is Cataloging & Indexing? Explain about types of Cataloging?
2. Explain about Objectives of Indexing?
3. Explain briefly about Indexing process? Draw with Text processing of Flow chart?
4. Explain briefly about Data structures?
5. What is Information Extraction?
6. Explain about Stemming Algorithm as well as types of stemming?
7. Explain briefly about Inverted File Structure?
8. What is Signature File Structure? Explain briefly about Signature File Structure?
9. What is N-Gram Data Structure? Explain briefly about N-Gram Data Structure?
10. Explain briefly about Hidden Markov Models?

UNIT-III

1. Explain briefly about Automatic Indexing? Explain about types of classes Automatic Indexing
2. Explain briefly about Statistical Indexing?
3. Explain briefly about Natural Language?
4. Explain briefly about Hypertext Linkage Indexing?
5. Explain briefly about Clustering?
6. What is Thesaurus Generation? Explain briefly about Thesaurus Generation
7. What is Item Clustering? Explain briefly about Clustering?
8. What is Hierarchy Clustering? Explain briefly about Hierarchy Clustering?

UNIT-IV

1. Explain briefly about Search Statements & Binding?
2. Explain about Relevance Feedback in Relational Model with neat figure of positive feedback & Negative Feedback?
3. Explain briefly about Selective Dissemination of Information Search?
4. Explain briefly about Searching the Internet & Hypertext as well as Intelligent Agent with 6 characteristics

5. What is Cognition & Perception? Explain briefly about Cognition & Perception?
6. What is Information Visualization Technologies? Explain briefly follows Technologies of terms?
7. What is Information visualization? Explain about types of Visualizations?

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UNIT-V

- 1.** Discuss the Text Search Techniques using Text Streaming Architecture.
- 2.** Explain briefly about Software Text Search Algorithms.

Note: (In External Exam point of you, they Don't ask Individual Algorithms of Software Text Search, We Should prepare total of 3 Algorithms and Elaborate it)

- 3.** Explain briefly about Hardware Text Search Algorithms.
- 4.** Explain about Spoken Language Audio Retrieval.
- 5.** Explain briefly about
 - i.** Imagery Retrieval
 - ii.** Video Retrieval
 - iii.** Graph Retrieval