

Department of CSE

B.Tech. Mid Question Bank (R22 Regulation)

Academic Year: 2024-25

Semester: V

Subject Name: Information Retrieval Systems

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PART-A

MID-I Questions					
Q.No	Questions	Marks	BL	CO	Unit No
1	Define IRS.	2	1	1	1
2	What do you mean by precision?	2	1	1	1
3	What do you mean by Recall?	2	1	1	1
4	What is Parsing?	2	1	1	1
5	Classify two standards of IRS capabilities.	2	2	1	1
6	What is the meaning of *,?, \$?	2	1	1	1
7	What are stop-words?	2	1	2	2
8	Define Stemming.	2	1	2	2
9	What are the advantages of N-Gram data structure?	2	1	2	2
10	What are the advantages of Signature file structure?	2	1	2	2
11	What is Information Extraction?	2	1	2	2
12	What are the objectives of Indexing?	2	1	2	2
13	Define Clustering.	2	1	3	3
14	What is Thesaurus Generation?	2	1	3	3
15	What is Automatic Indexing?	2	1	3	3
MID-II Questions					
16	What is Hierarchy Clustering?	2	1	3	3
17	Explain Manual clustering.	2	1	3	3
18	What is Hypertext Linkages?	2	1	3	3
19	What is Relevance Feedback?	2	1	4	4
20	What is Weighted Searches of Boolean System?	2	1	4	4
21	Explain full text scanning.	2	1	4	4
22	Classify various Software text search algorithms.	2	2	4	4
23	What is positive and negative feedback?	2	1	4	4
24	What is Cognition and Perception?	2	1	4	4
25	Define Visualization.	2	1	5	5
26	Define cognition and perception.	2	1	5	5
27	Explain Tree structure.	2	1	5	5
28	What is a cone-tree.	2	1	5	5
29	Explain cityscape.	2	1	5	5
30	Classify various multimedia retrieval.	2	2	5	5

PART-B

MID-I Questions					
Q.No	Questions	Marks	BL	CO	Unit No
1	What is Information Retrieval System? Explain about types of searches in IRS?	4	1	1	1
2	Explain briefly about functional Overview. Sketch with neat diagram.	4	3	1	1
3	Explain about objectives of Information Retrieval Systems.	4	1	1	1
4	What is Precision & Recall in detail?	4	1	1	1
5	Explain Browse Capabilities.	4	1	1	1
6	Explain Miscellaneous Capabilities.	4	1	1	1
7	Classify and explain various Capabilities in IRS.	8	1, 2	1	1
8	Write about Item Normalization in detail.	8	6	1	1
9	Explain Search capabilities in detail.	8	1	1	1
10	Illustrate the objectives of Indexing.	4	4	2	2
11	Explain about Stemming Algorithm as well as types of stemming.	4	1	2	2
12	Explain briefly about Hidden Markov Models.	4	1	2	2
13	What is N-Gram Data Structure? Explain briefly about N-Gram Data Structure.	4	1	2	2
14	Explain about Hypertext and XML Data Structures.	4	1	2	2
15	Explain PAT Data Structure.	4	1	2	2
16	Explain briefly about Indexing process. Draw with Text processing of Flow chart.	8	1	2	2
17	Explain various Data Structures.	8	1	2	2
18	What is Cataloging & Indexing? Explain about types of Cataloging.	8	1	2	2
19	Explain briefly about Automatic Indexing. Explain about types of classes Automatic Indexing.	4	1	3	3
20	What is Item Clustering? Explain briefly about Clustering.	4	1	3	3
21	What is Hierarchy Clustering? Explain briefly about Hierarchy Clustering.	4	1	3	3
MID-II Questions					
22	Explain briefly about Clustering.	4	1	3	3
23	Explain briefly about Natural Language.	4	1	3	3
24	Explain briefly about Statistical Indexing.	4	1	3	3
25	Explain briefly about Search Statements & Binding.	4	1	4	4
26	Explain about Relevance Feedback in Relational Model with neat figure of positive feedback & Negative Feedback.	4	1	4	4
27	Illustrate briefly about Selective Dissemination of Information Search.	4	4	4	4
28	Explain briefly about Searching the Internet & Hypertext as well as Intelligent Agent with 6 characteristics.	4	1	4	4
29	Explain Weighted Searches of Boolean Systems.	4	1	4	4

30	Discuss the Text Search Techniques.	4	1	4	4
31	Explain Knutt Morris Pattern search.	8	1	4	4
32	Write about various Software Text Search Algorithms.	8	6	4	4
33	Explain Hardware text search algorithms in detail.	8	1	4	4
34	Give Introduction to Information Visualization.	4	1	5	5
35	Explain about Spoken Language Audio Retrieval.	4	1	5	5
36	Explain Non-Speech Audio Retrieval.	4	1	5	5
37	Explain Graph Retrieval.	4	1	5	5
38	What is Cognition & Perception? Explain briefly about Cognition & Perception.	4	1	5	5
39	Explain Video Retrieval.	4	1	5	5
40	What is Information visualization? Explain about types of Visualizations.	8	1	5	5
41	Write briefly about i. Imagery Retrieval ii. Video Retrieval iii. Graph Retrieval	8	6	5	5
42	Illustrate and explain is Information Visualization Technologies.	8	1, 4	5	5

