

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

**QUESTION BANK**

**Course title: INFORMATION RETRIEVAL SYSTEMS**

**Course code: 23CS511**

**Regulation: NR23**

**UNIT-I**

S. No	Questions	CO	BT	PO
<b>Part – A (Short Answer Questions)</b>				
1	Define Information Retrieval System.	CO1	L1	PO1
2	List the objectives of Information Retrieval Systems.	CO1	L1	PO4
3	What is precision?	CO1	L2	PO1
4	What is recall?	CO1	L1	PO3
5	Define Digital Library.	CO1	L1	PO3
6	Define Data Warehouse.	CO1	L1	PO4
7	List search capabilities of IRS.	CO1	L1	PO4
8	List browse capabilities of IRS.	CO1	L2	PO1
9	Differentiate data retrieval and information retrieval.	CO1	L1	PO1
10	What are miscellaneous capabilities in IRS?	CO1	L1	PO3
<b>Part – B (Long Answer Questions)</b>				
11	a) discuss the objective s of information retrieval systems?	CO1	L1	PO2
	b) What are the two measures associated with an information retrieval system? Give the conditions under which 100% precision and recall are achieved. Also derive the relationship between these measure and user Overhead?	CO1	L1	PO3
12	a) Explain in detail about the four major functional processes in information retrieval systems?	CO1	L1	PO4
	b) Write brief note on digital libraries and data warehouses?	CO1	L1	PO1
13	a) discuss about search capabilities in information retrieval systems?	CO1	L1	PO2
	b) What are browse capabilities in information retrieval systems explain in detail?	CO1	L1	PO7
14	a) Explain in detail about miscellaneous capabilities??	CO1	L1	PO1
	b) Explain in detail about I) Document database search II) index database search III) Multimedia database search?	CO1	L2	PO1
15	a) Difference between database and information Retrieval systems?	CO1	L1	PO2
	b) Bring out the relationship between information retrieval systems and database management systems?	CO1	L2	PO2
16	a) Explain in detail precious and recall?	CO1	L1	PO3
	b) Explain in detail index database search?	CO1	L2	PO2