

MSC.III/01.21.005

Reg.no

--	--	--	--	--	--	--

B

**M.Sc DEGREE THIRD SEMESTER EXAMINATION IN COMPUTER SCIENCE
(SOFT COMPUTING), JANUARY 2021**

**19-323-0323 INFORMATION RETRIEVAL SYSTEM
(Regular)**

Time: 3 Hours

Maximum Marks: 50

(Answer ANY FIVE questions)

(Each Question carries 10 Marks)

1. Explain with a neat sketch the architecture of an Information retrieval system. (10Marks)
2. What is Query Likelihood retrieval model? Explain with example. (10Marks)
3. What is cluster hypothesis? (2Marks)
Explain anyone of the clustering technique with an example. (8Marks)
4. Explain indexed sequential files. How it can be used in Information Retrieval?(10Marks)
5. Explain TF_IDF vector space model with examples. (10Maks)
6. Explain the working of a search engine with neat diagram. (7Marks)
What are the different kinds of search strategies ? (3Marks)
7. What is relevance feedback in IR systems? (3Marks)
How ROCCHIO algorithm works? (7Marks)
