

Practice Questions

Subject:- Information Retrieval

Class: BE

Department:- Information Technology

Semester:- VIII

1. Given a document collection which has 50 relevant documents, if an IR system retrieves 20 relevant and 23 irrelevant documents, what is the precision value of the system?
A. 0.46
B. 0.40
C. 0.86
D. 0.50
2. Steps of Indexing are performed in following order
A. Stop-word Elimination, Tokenization, Stemming
B. Tokenization, Stemming, Stop-word Elimination
C. Tokenization, Stop-word Elimination, Stemming
D. Stemming, Tokenization, Stop-word Elimination
3. In Information retrieval most common words such as articles, prepositions etc. are removed from tokens by using
A. Stemming
B. Stop-word elimination
C. Indexing
D. Ranking
4. Following is not a type of Rank-Based Measures
A. Precision @ K
B. Mean Average Precision
C. Mean Reciprocal Rank
D. Discounted cumulative gain
5. For a small collection of documents on a personal computer that don't experience any
A. Block sort-based indexing algorithm
B. Single-pass in memory indexing algorithm
C. Distributed Map-Reduce indexing algorithm
D. Dynamic indexing process employing an auxiliary index

Answer:

1. A 2. C 3. B 4. D 5. E