

CS317- Information Retrieval

Quiz # 1

Student ID: _____ **Sol** _____
Time: 15 min.

1. All the documents are machine readable.
2. The users know what features are presents in the documents.
3. Users know how to formulate queries using observed features.

True. The general phrase queries can easily be answered using position index. It contains position information about a word-feature in a document.

Result-set has 10 documents.

CS317- Information Retrieval

Quiz # 1

Student ID: _____ **Sol** _____
Time: 15 min.

- Exact matching is used hence no support for partial matching.
- All the results from the retrieval are at the same level, no ranking of the results.
- All features are equally weighted – that is all terms have same importance.
- Users has to formulate a Boolean query to get its required documents.

Proximity queries are of the form $x \ y /k$, we need to find documents contains both x and y , k words apart. Positional index is very helpful in determining the k for these two terms.

The skip pointers are available in larger posting list with a skip value 4, hence there will be 6 comparisons in deciding the results set. These are (4,47), (14,47), (22,47), (120,47), (81,47), and (47,47)