Quiz 1 (Total Marks = 10)

Roll No: _____   **Name** _____

Q1) What will be stemmed version of following words using Porter stemmer (2 marks)

    a) walking
    b) ring
    c) political
    d) advisable

Q2) What are advantages and disadvantages of having more skips in skip lists for postings? (2 marks)

Q3) If a collection is so large that all the unique terms (dictionary) cannot fit into memory of your machine then can you use term-ids instead of terms in your index ? Why ? (2 marks)

Q4) What changes need to be made in index in order to answer phrase queries ? Explain both methods. (2 marks)

Q5) How can you verify if a collection of text follows Zipf's law? (2 marks)