
ITS 413 – QUIZ 5

First name: _____ Last name: _____

ID: _____

Total Marks: _____

out of 10

Question 1 [2 marks]

List the name of any four of the five main components of a search engine architecture and describe briefly what they do.

Question 2 [3 marks]

In comparison to client/server based systems, why is locating resources hard in P2P systems?

Question 3 [2 marks]

Describe connectivity-based ranking and content-based ranking, and give an example of a criteria for each.

Question 4 [3 marks]

Calculate the PageRank for each page in the figure below, assuming that once the ranker has visited a page once to calculate the rank, it will not visit again. Also assume the PageRank of page 2 has already been counted towards the PageRank of page 1. You can write the PageRank of each page inside the page on the figure.

