

Problem 2

a)

Top 5 page rank:

[(263, 0.0020202911815182184),
(537, 0.00194334157145315),
(965, 0.001925447807166263),
(243, 0.001852634016241731),
(285, 0.0018273721700645142)]

Bottom 5 page rank:

[(558, 0.0003286018525215297),
(93, 0.0003513568937516577),
(62, 0.00035314810510596274),
(424, 0.0003548153864930145),
(408, 0.00038779848719291705)]

b)

Top 5 hubbiness score:

[(840, 1.0),
(155, 0.9499618624906543),
(234, 0.8986645288972264),
(389, 0.8634171101843793),
(472, 0.8632841092495219)]]

Top 5 authority score:

[(893, 1.0),
(16, 0.9635572849634395),
(799, 0.9510158161074015),
(146, 0.9246703586198443),
(473, 0.8998661973604047)]]

Bottom 5 hubbiness score:

[(23, 0.042066854890936534),
(835, 0.057790593544330165),
(141, 0.0645311764622518),
(539, 0.06602659373418493),
(889, 0.07678413939216452)]]

Bottom 5 authority score:

[(19, 0.05608316377607617),
(135, 0.06653910487622793),
(462, 0.075442286246419),
(24, 0.08171239406816944),
(910, 0.08571673456144874)]]