

Name:

Netid:

In a collection of 3000 documents, 3 documents are relevant to a query  $q$ :  $REL_q = \{A, B, C\}$

Below are rankings given by three systems for that query  $q$ .

Only the first 5 documents are shown to the user.

(Here we mark non-relevant documents with “#”.)

Sys 1	Sys 2	Sys 3
#	#	A
#	A	#
A	#	#
B	#	#
#	B	#

----- (2995 docs below are not shown to the user)

#	#	#
C	C	C
#	#	B
...	...	...

[everything else below is non-relevant]

a) Which of the three systems you, as a user, would prefer?

b) Describe properties that make you prefer one system over the other. What makes one system “better” than the other?