

4. (10 pts each, 40 pts total) Give four things that characterize an information retrieval (IR) system (or, four steps in a “typical IR system”)
- a. A document collection (or, document preprocessing).
 - b. A query (or, query processing)
 - c. A result set (or, retrieval of relevant documents)
 - d. Presentation
 - e. (Relevance feedback)