Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Read the article on "Data Structures for Databases".

Do questions #1, 4, 9, 13, 14, 18, and 19 at the end of the article.

***#1 Define a flat file. Give an example (other than one in this text) of a flat file and an example of a file that is not flat.***

***#4 Show how inverted lists (indexes) can be used to maintain the file in Review Question G.1 in two different orders simultaneously.***

***#9 Define a simple network and give an example structure(other than one in this text).***

***#13 Define complex network. Offer an example of a complex network structure (other than one in this text).***

***#14 Give an occurrence of the complex network in Review Question G.13.***

***#18 Give an example of a file containing a unique secondary key (other than one in this text). Represent an occurrence of that file using an index on the secondary key.***

***#19 Define a nonunique secondary key for the file in Review Question G.18. Represent an occurrence of that file using a linked list on the secondary key.***