

Name:

## CSCI 460 Operating Systems

### Participation Test 4

**Instructions:** Write your name above. Relax and attempt the problems below. This is NOT a quiz and participation credit will be given for any sincere attempt. (Later, solutions will be posted on the course webpage.) Turn in the sheet at the end of the class to receive your participation credit.

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What file organization would you choose to maximize efficiency in terms of speed of access, use of storage space, and ease of updating (adding/deleting/modifying) when the data are

(1.1) updated infrequently and accessed frequently in random order?

**Indexed.**

(1.2) updated frequently and accessed in its entirety relatively frequently?

**Indexed sequential.**

(1.3) updated frequently and accessed frequently in random order?

**Hashed or indexed.**