

FILE SYSTEM QUESTIONS

- 1.) A file descriptor is a value of type
 - ☐ A. int
 - ☐ B. char
- 2.) Opening a file for writing
 - ☐ A. erases the contents of the file
 - ☐ B. sets the current location to the start of the file
- 3.) Kernel buffers are stored
 - ☐ A. in computer memory
 - ☐ B. on hard disks
- 4.) A pointer to a file is called
 - ☐ A. an inode
 - ☐ B. a link
- 5.) The size of an inode table determines
 - ☐ A. the maximum size of a file in the file system
 - ☐ B. the maximum number of files in the file system
- 6.) The size of the data area of a file system determines
 - ☐ A. the maximum space files may use for storage
 - ☐ B. the maximum size of a file in the file system
- 7.) Unix uses indirect blocks to store
 - ☐ A. lists of block numbers of data blocks
 - ☐ B. symbolic links
- 8.) The command "ln .. parent" fails because
 - ☐ A. .. is not a real directory
 - ☐ B. Unix does not allow users to create links to directories
- 9.) The Unix command rm only deletes a file only when
 - ☐ A. the system runs out of free blocks
 - ☐ B. the last link is removed
- 10.) The pwd command prints the
 - ☐ A. path to the current directory
 - ☐ B. the inode number of the current directory
- 11.) A directory may not be used as a mount point if
 - ☐ A. the directory is /
 - ☐ B. the directory is not empty
- 12.) Unix does not use drive names in paths because
 - ☐ A. the colon is a legal character in a filename
 - ☐ B. separate disks are mounted as subdirectories
- 13.) A symbolic link may be used to refer
 - ☐ A. only to files on other file systems
 - ☐ B. to directories

