IT Fundamentals Guided Notes (ANSWER KEY)

Lesson 3.2.2 - File System Features

1. Match the following terms with their definition.

.

A. Compression	B	Encoding a file when stored so unauthorized users cannot have access to a certain file.
B. Encryption	D	Keeping track of changes on a system before they are saved and/or executed.
C. Permissions	A	Taking up less space on a drive by encoding the files differently (with less bits of data).
D. Journaling	C	Allowing certain users access or read only rights to the file.

2. What do file system limitations include?
A maximum size of a file, maximum pathname length, maximum filename length, etc.

3. What are some forms of permissions placed on a file?

The ability to view a file, the ability to edit a file, the ability to run (execute) a file, etc.

4. What is the main purpose of journaling?

In cases of a loss of power, journaling allows for restoring changes to a document that was not saved prior

to the improper shutdown of a computer.

CYBER.ORG
THE ACADEMIC INITIATIVE OF THE CYBER INNOVATION CENTER

5. What is one of the most common limitations of a file system?

The naming rules of a file, which limits what characters can or cannot be used when naming a file and the length of the file name. .

CYBER.ORG
THE ACADEMIC INITIATIVE OF THE CYBER INNOVATION CENTER