Week 11

1) A \_\_\_\_\_\_\_\_\_ is a contiguous set of allocated blocks.

**a. portion**

b. path name

c. key

d. pile

2) \_\_\_\_\_\_\_\_\_ is the basic element of data.

a. database

b. record

c. file

**d. field**

3) A \_\_\_\_\_\_\_\_\_\_ is responsible for starting I/O operations on a device and processing the completion of an I/O request.

**a. device driver**

b. basic file system

c. logical I/O

d. basic I/O supervisor

4) A pre allocation policy requires that the maximum size of a file be declared at the time of the file creation request.

**True**

5) The superuser is exempt from the usual file access control constraints and has system wide access.

**True**

6) An objective of the \_\_\_\_\_\_\_\_\_\_ is to provide a standardized set of I/O interface routines to user processes.

**a. file management system**

b. indexed file allocation

c. working directory

d. file directory

7) Device drivers are not part of the operating system.

**False**

8) A file directory contains information about the files, including attributes, location, and ownership.

**True**

9) The least-complicated form of file organization is the indexed file.

**False**

10) The term \_\_\_\_\_\_\_\_\_ refers to the logical structuring of the records as determined by the way in which they are accessed.

a. database

b. working directory

**c. file organization**

d. access method

11) File systems do not maintain the attributes associated with the files.

**False**

12) A \_\_\_\_\_\_\_\_\_ is a collection of related fields that can be treated as a unit by some application program.

a. field

**b. record**

c. database

d. file

13) A field is characterized by its length and data type.

**True**

14) Records may only be of fixed length.

**False**

15) Indexed allocation supports both sequential and direct access to the file and thus is the most popular form of file allocation.

**True**

16) The \_\_\_\_\_\_\_\_\_ file exploits the capability found on disks to access directly any block of a known address.

a. sequential

**b. direct**

c. indexed

d. indexed sequential

17) A \_\_\_\_\_\_\_\_\_ is a collection of related data.

a. field

b. file

c. record

**d. database**

18) A file allocation table (FAT) is used to keep track of the portions assigned to a file.

**True**