**Unit 4: DISTRIBUTED FILES AND MULTIMEDIA SYSTEMS**

**1] A multimedia file**  
a) is same as any other regular file.  
b) must be accessed at specific rate.  
c) stored on remote server can not be delivered to its client.  
d) none of the mentioned.

**2]  In which type of streaming multimedia file is delivered to the client, but not shared?**  
a) real-time streaming.  
b) progressive download.  
c) compression.  
d) none of the mentioned.

**3] Which one of the following is the characteristic of a multimedia system?**  
a) high storage.  
b) high data rates  
c) both high storage and high data rates  
d) none of the mentioned

**4]Multimedia system require hard real time scheduling**a) to ensure critical tasks will be serviced within timing deadlines  
b) to deliver the media file to the client  
c) to minimize the delay  
d) for security

**5] Which of the following is not a potential advantage of an active directory domain?**

A. Centralized user management

B. Cross-platform compatibility

C. Enhanced security management

D. Ability to deploy software and settings on a large scale

**6] Which of the following groups can always login to a server via Directory Services Restore Mode?**

A. Administrators only

B.Administrators and Power Users

C. Administrators and Backup Operators

D. Power Users and Backup Operators

**7] \_\_\_\_\_\_ is a unique tag, usually a number, identifies the file within the file system.**a) File identifier  
b) File name  
c) File type  
d) None of the mentioned

**8]  File type can be represented by**a) file name  
b) file extension  
c) file identifier  
d) none of the mentioned

**9] . file system fragmentation occurs when**a) unused space or single file are not contiguous  
b) used space is not contiguous  
c) unused space is non-contiguous  
d) multiple files are non-contiguous

**10] Which one of the following explains the sequential file access method?**  
a) random access according to the given byte number  
b) read bytes one at a time, in order  
c) read/write sequentially by record  
d) read/write randomly by record

**11]  A DNS client is called**a) DNS updater  
b) DNS resolver  
c) DNS handler  
d) none of the mentioned

**12] DNS database contains**a) name server records  
b) hostname-to-address records  
c) hostname aliases  
d) all of the mentioned

**13]The right to use a domain name is delegated by domain name registers which are accredited by**a) internet architecture board  
b) internet society  
c) internet research task force  
d) internet corporation for assigned names and numbers

**14] Which one of the following is not true?**a) multiple hostnames may correspond to a single IP address  
b) a single hostname may correspond to many IP addresses  
c) a single hostname may correspond to a single IP address  
d) none of the mentioned

15] **When using HDFS, what occurs when a file is deleted from the command line?**  
A.It is permanently deleted if trash is enabled.  
B.It is placed into a trash directory common to all users for that cluster.  
C.It is permanently deleted and the file attributes are recorded in a log file.  
D.It is moved into the trash directory of the user who deleted it if trash is enabled

16] Under HDFS federation

**A** - Each namenode manages metadata of the entire filesystem.

**B - Each namenode manages metadata of a portion of the filesystem.**

[**C** - Failure of one namenode causes loss of some metadata availability from the entire filesystem.](javascript:void(0);)

[**D** - Each datanode registers with each namenode.](javascript:void(0);)

**17] The file once create cannot be changed is called**a) immutable file  
b)mutexfile  
c)mutablefile  
d) none of the mentioned

**17] In distributed file system, \_\_\_\_\_\_\_ is mapping between logical and physical objects.**a)client interfacing  
b) naming  
c) migration  
d) heterogeneity

**18] Which one of the following is a distributed file system?**a) andrew file system  
b) network file system  
c) novel network  
d) all of the mentioned.

**19] In distributed file system, when a file’s physical storage location changes**  
a) file name need to be changed  
b) file name need not to be changed  
c) file’s host name need to be changed  
d) file’s local name need to be changed

**20] What are the different ways in which clients and servers are dispersed across machines ?**  
a) Servers may not run on dedicated machines  
b) Servers and clients can be on same machines  
c) Distribution cannot be interposed between a OS and the file system  
d) OS cannot be distributed with the file system a part of that distribution