1. Tertiary storage is built with :  
a) a lot of money  
b) unremovable media  
c) removable media  
d) secondary storage

Answer: c  
Explanation: Tertiary storage involves a robotic mechanism which will mount (insert) and dismount removable mass storage media into a storage device according to the system’s demands; this data is often copied to secondary storage before use.

2. Operating system is responsible for  
a) disk initialization  
b) booting from disk  
c) bad-bock recovery  
d) all of the mentioned

Answer: d  
Explanation: Tertiary storage involves a robotic mechanism which will mount (insert) and dismount removable mass storage media into a storage device according to the system’s demands; this data is often copied to secondary storage before use.

3. A typical tape drive is \_\_\_\_\_\_\_\_ a typical disk drive.  
a) more expensive than  
b) cheaper than  
c) of the same cost as  
d) none of the mentioned

Answer: a  
Explanation: Tertiary storage involves a robotic mechanism which will mount (insert) and dismount removable mass storage media into a storage device according to the system’s demands; this data is often copied to secondary storage before use.

4. During recovery from a failure  
a) each pair of physical block is examined  
b) specified pair of physical block is examined  
c) first pair of physical block is examined  
d) none of the mentioned

Answer: a  
Explanation: Tertiary storage involves a robotic mechanism which will mount (insert) and dismount removable mass storage media into a storage device according to the system’s demands; this data is often copied to secondary storage before use.

5. A magneto-optic disk is :  
a) primary storage  
b) secondary storage  
c) tertiary storage  
d) none of the mentioned

Answer: c  
Explanation: Tertiary storage involves a robotic mechanism which will mount (insert) and dismount removable mass storage media into a storage device according to the system’s demands; this data is often copied to secondary storage before use.

6. Which of the following are the process of selecting the data storage and data access characteristics of the database?  
a) Logical database design  
b) Physical database design  
c) Testing and performance tuning  
d) Evaluation and selecting

Answer: b  
Explanation: Physical database design is the process of selecting the data storage and data access characteristics of the database.

7. The replacement of a bad block generally is not totally automatic because  
a) data in bad block cannot be replaced  
b) data in bad block is usually lost  
c) bad block does not contain any data  
d) none of the mentioned

Answer: b  
Explanation: Physical database design is the process of selecting the data storage and data access characteristics of the database.

8. Which of the following is the oldest database model?  
a) Relational  
b) Hierarchical  
c) Physical  
d) Network

Answer: d  
Explanation: Network model has data stored in a hierarchical network flow.

9. The surface area of a tape is \_\_\_\_\_\_\_\_ the surface area of a disk.  
a) much lesser than  
b) much larger than  
c) equal to  
d) none of the mentioned

Answer: b  
Explanation: Network model has data stored in a hierarchical network flow.

10. Which one of the following is not a secondary storage?  
a) magnetic disks  
b) magnetic tapes  
c) ram  
d) none of the mentioned

Answer: c  
Explanation: Tertiary storage involves a robotic mechanism which will mount (insert) and dismount removable mass storage media into a storage device according to the system’s demands; this data is often copied to secondary storage before use.