**1. Which of the following is the fastest type of storage in a computer system?**

A. Hard Disk Drive (HDD)  
B. Cache Memory  
C. Solid State Drive (SSD)  
D. Main Memory (RAM)

**Answer:** B. Cache Memory

**2. Which storage type is most suitable for long-term, large-scale data storage?**

A. Registers  
B. Cache Memory  
C. Hard Disk Drive (HDD)  
D. Main Memory (RAM)

**Answer:** C. Hard Disk Drive (HDD)

**3. Which of the following storage types is volatile?**

A. Solid State Drive (SSD)  
B. Optical Discs  
C. Main Memory (RAM)  
D. Magnetic Tapes

**Answer:** C. Main Memory (RAM)

**4. What is the primary role of cache memory in the storage hierarchy?**

A. Long-term data backup  
B. High-speed access to frequently used data  
C. Storage of operating system files  
D. Data archival

**Answer:** B. High-speed access to frequently used data

**5. Which type of storage is typically used to store data that is not frequently accessed but needs to be preserved for long periods?**

A. Cache Memory  
B. Tertiary Storage  
C. Registers  
D. Main Memory (RAM)

**Answer:** B. Tertiary Storage

**6. What is the characteristic of secondary storage compared to primary storage?**

A. Faster access time  
B. Higher cost per GB  
C. Larger capacity  
D. Volatility

**Answer:** C. Larger capacity

**7. What type of storage is represented by devices like CDs and DVDs?**

A. Tertiary Storage  
B. Secondary Storage  
C. Main Memory  
D. Cache Memory

**Answer:** A. Tertiary Storage

**8. Which level of the storage hierarchy has the highest cost per gigabyte?**

A. Hard Disk Drive (HDD)  
B. Main Memory (RAM)  
C. Cache Memory  
D. Optical Discs

**Answer:** C. Cache Memory

**9. In which storage level does data loss occur when power is turned off?**

A. Hard Disk Drive (HDD)  
B. Cache Memory  
C. Magnetic Tapes  
D. Optical Discs

**Answer:** B. Cache Memory

**10. What is the typical size range for cache memory compared to main memory?**

A. Cache Memory is larger than Main Memory  
B. Cache Memory is of similar size to Main Memory  
C. Cache Memory is smaller than Main Memory  
D. Cache Memory size is irrelevant compared to Main Memory

**Answer:** C. Cache Memory is smaller than Main Memory