### 1 Which method can you override when subclassing Thread?

A. start()  
B. \_\_init\_\_()  
C. run()  
D. pause()

**Ans:** C.

### 2What does current\_thread() return?

A. Name of process  
B. Main thread  
C. The currently running thread object  
D. New thread

**Ans:** C.

### 3 What does setDaemon(True) do?

A. Pauses the thread  
B. Marks thread as background thread  
C. Starts main thread  
D. Prevents thread from starting

**Ans:** B

### 4 What is the Global Interpreter Lock (GIL) in Python?

A. A memory cleaner  
B. A lock that allows only one thread to execute Python bytecode at a time  
C. Lock to access disk  
D. Only used in multiprocessing

**Ans:** B

### 5 Which function is used to put the thread to sleep?

A. thread.sleep()  
B. time.wait()  
C. time.sleep()  
D. pause()

**Ans:** C.

### 6 What is Lock used for?

A. Encrypt thread  
B. Manage memory  
C. Prevent race conditions  
D. Speed up threads

**Ans:** C

### 7 What is a race condition?

A. Two threads trying to run at the same time  
B. Two threads trying to access and modify the same data simultaneously  
C. One thread killing another  
D. Threads waiting for input

**Ans:** B.

### 8 Which method is used to acquire a lock?

A. lock.get()  
B. lock.start()  
C. lock.acquire()  
D. lock.begin()

**Ans:** C.