**Chapter 7 Assignments**

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1. **B**

**2. C**

**3.** One RTT0 is incorporated to fix the connection and another RTT0 is incorporated to receive and request the object of client. The total time is:

2\*RTT0 + RTT1 + RTT2 + …… + RTTn

**4.**

(a)Two RTT0 for each of the eight objects, the total time is: 2\*RTT0 + RTT1 + …… + RTTn + 8 \* 2RTT0 = 18RTT0 + RTT1 + …… + RTTn

(b)Three RTT0 is used to configure the first three parallel TCP connections and two RTT0 is used to configure the last two TCP connections, the total time is: 2\*RTT0 + RTT1 + …… + RTTn + 2 \* 2RTT0 = 6RTT0 + RTT1 + …… + RTTn

(c)For persistent HTTP connection, three RTT0 is used for the default mode of HTTP, the total time is:

3\*RTT0 + RTT1 + RTT2 + …… + RTTn