

**Do-While loops (indefinite post-test iteration, chapter 5)**

Do NOT write on this test. Record all answers on the bubble sheet. **Closed book. No notes.** Work strictly from memory. **No calculators. No time limit. Scratch paper okay.**

How many times does the body of the loop execute? (Mark 9 if 9 or more.)

1/10p. `int c=7; do body; while( ++c <= 14 );`

2/10p. `int x=3; do body; while( ++x != 6 );`

3/10p. `int q=1; do body; while( q-- > 1 );`

4/10p. `int k=2; do body; while( ++k < 6 );`

5/10p. `int u=4; do body; while( --u >= 2 );`

6/10p. `int m=8; do body; while( m++ <= 10 );`

7/10p. `int j=7; do body; while( --j > 4 );`

8/10p. `int z=-6; do body; while( z-- > -12 );`

9/10p. `int p=1; do body; while( p-- > -2 );`

10/10p. `int x=2; do body; while( --x > -2 );`

Total points 100.

**Answer Key** (points per line)

1 (10).	8
2 (10).	3
3 (10).	1
4 (10).	4
5 (10).	3
6 (10).	4
7 (10).	3
8 (10).	7
9 (10).	4
10 (10).	4

Total points 100.