

**Precedence with Boolean operators (section 7.2)**

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.**

Precedence: What is the value of each expression? Mark (I) for error, (J) for none of the above.

- 1/10p.  $7/2 \& \& 7 \mid \mid 7+9$  (A) -74 (B) -43 (C) 1 (D) 7 (E) 10 (F) 14 (G) 16 (H) 36
- 2/10p.  $9-9==1 \& \& 4*3$  (A) -38 (B) 1 (C) 3 (D) 9 (E) 27 (F) 61 (G) 67 (H) 72
- 3/10p.  $7-0 \mid \mid 8<=6-2$  (A) 0 (B) 1 (C) 4 (D) 5 (E) 7 (F) 8 (G) 9 (H) 42
- 4/10p.  $5+1<9>=4-8$  (A) -8 (B) -7 (C) -3 (D) 1 (E) 5 (F) 6 (G) 47 (H) 55
- 5/10p.  $6+0 \& \& 8>3-1$  (A) -45 (B) -31 (C) -1 (D) 5 (E) 6 (F) 15 (G) 96 (H) 97
- 6/10p.  $6-2!=3<=3*7$  (A) -81 (B) 0 (C) 1 (D) 5 (E) 7 (F) 23 (G) 25 (H) 59
- 7/10p.  $6>=6<=0-4\%9$  (A) -4 (B) 0 (C) 5 (D) 6 (E) 11 (F) 18 (G) 37 (H) 92
- 8/10p.  $0-6 \& \& 1 \& \& 2+6$  (A) -55 (B) -33 (C) -7 (D) -1 (E) 1 (F) 5 (G) 7 (H) 61
- 9/10p.  $7+0>4<=1-6$  (A) -81 (B) -21 (C) -6 (D) -5 (E) 1 (F) 2 (G) 8 (H) 51
- 10/10p.  $5\%5 \mid \mid 7<6-9$  (A) -82 (B) -57 (C) -8 (D) 0 (E) 1 (F) 50 (G) 66 (H) 86

Total points 100.

**Answer Key** (points per line)

1 (10).	C (1)
2 (10).	J (0)
3 (10).	B (1)
4 (10).	D (1)
5 (10).	J (1)
6 (10).	C (1)
7 (10).	B (0)
8 (10).	E (1)
9 (10).	J (0)
10 (10).	D (0)

Total points 100.