

**Precedence + - \* / % (chapter 4)**

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.

- |        |               |         |         |         |        |        |        |        |        |
|--------|---------------|---------|---------|---------|--------|--------|--------|--------|--------|
| 1/1p.  | $8/3*7-1+5$   | (A) -97 | (B) -6  | (C) 2   | (D) 5  | (E) 8  | (F) 17 | (G) 18 | (H) 22 |
| 2/1p.  | $3/4+7+2+2$   | (A) -77 | (B) -18 | (C) 0   | (D) 2  | (E) 11 | (F) 13 | (G) 34 | (H) 47 |
| 3/1p.  | $3\%8*5+1\%2$ | (A) -30 | (B) -7  | (C) 0   | (D) 4  | (E) 16 | (F) 18 | (G) 43 | (H) 86 |
| 4/1p.  | $3/5-3-3-5$   | (A) -11 | (B) -8  | (C) -7  | (D) -5 | (E) -1 | (F) 0  | (G) 3  | (H) 5  |
| 5/1p.  | $4-1-3+5-5$   | (A) -87 | (B) -26 | (C) -4  | (D) 0  | (E) 6  | (F) 16 | (G) 39 | (H) 41 |
| 6/1p.  | $7+5/4/3\%8$  | (A) -69 | (B) -34 | (C) 1   | (D) 2  | (E) 7  | (F) 12 | (G) 44 | (H) 85 |
| 7/1p.  | $3*7\%9+6+5$  | (A) 11  | (B) 14  | (C) 21  | (D) 26 | (E) 32 | (F) 36 | (G) 54 | (H) 55 |
| 8/1p.  | $0/7-9/6-6$   | (A) -96 | (B) -81 | (C) -36 | (D) -8 | (E) -6 | (F) 0  | (G) 7  | (H) 44 |
| 9/1p.  | $9/2/5+1\%2$  | (A) -89 | (B) -5  | (C) 0   | (D) 1  | (E) 7  | (F) 9  | (G) 23 | (H) 89 |
| 10/1p. | $3-1/6\%1*3$  | (A) -93 | (B) 0   | (C) 9   | (D) 32 | (E) 51 | (F) 68 | (G) 77 | (H) 83 |
| 11/1p. | $5\%8/6-3+8$  | (A) -27 | (B) -11 | (C) -5  | (D) -1 | (E) 0  | (F) 5  | (G) 7  | (H) 9  |
| 12/1p. | $8+7-1/3-4$   | (A) -76 | (B) -65 | (C) -14 | (D) 0  | (E) 6  | (F) 11 | (G) 16 | (H) 19 |
| 13/1p. | $3\%8+5*3/5$  | (A) -57 | (B) -49 | (C) 0   | (D) 1  | (E) 4  | (F) 6  | (G) 35 | (H) 75 |
| 14/1p. | $6/1*6+5\%2$  | (A) -54 | (B) 0   | (C) 1   | (D) 2  | (E) 25 | (F) 32 | (G) 37 | (H) 64 |
| 15/1p. | $4+6\%1\%8+5$ | (A) -70 | (B) -25 | (C) 0   | (D) 4  | (E) 5  | (F) 9  | (G) 11 | (H) 26 |
| 16/1p. | $7-8/6\%7-7$  | (A) -86 | (B) -8  | (C) -1  | (D) 1  | (E) 13 | (F) 28 | (G) 44 | (H) 67 |
| 17/1p. | $2+8\%9-2+5$  | (A) -67 | (B) -31 | (C) -6  | (D) 0  | (E) 2  | (F) 4  | (G) 8  | (H) 13 |
| 18/1p. | $7\%3-1-7-2$  | (A) -52 | (B) -9  | (C) -4  | (D) -2 | (E) 0  | (F) 5  | (G) 7  | (H) 9  |
| 19/1p. | $1/8-7\%6\%3$ | (A) -89 | (B) -86 | (C) -59 | (D) -1 | (E) 0  | (F) 1  | (G) 2  | (H) 36 |
| 20/1p. | $2-1*5/2\%5$  | (A) -99 | (B) -57 | (C) -2  | (D) 0  | (E) 2  | (F) 3  | (G) 51 | (H) 70 |

Total points 20.

**Answer Key** (points per line)

- |         |         |
|---------|---------|
| 1 (1).  | G (18)  |
| 2 (1).  | E (11)  |
| 3 (1).  | E (16)  |
| 4 (1).  | A (-11) |
| 5 (1).  | D (0)   |
| 6 (1).  | E (7)   |
| 7 (1).  | B (14)  |
| 8 (1).  | J (-7)  |
| 9 (1).  | D (1)   |
| 10 (1). | J (3)   |
| 11 (1). | F (5)   |
| 12 (1). | F (11)  |
| 13 (1). | F (6)   |
| 14 (1). | G (37)  |
| 15 (1). | F (9)   |
| 16 (1). | C (-1)  |
| 17 (1). | H (13)  |
| 18 (1). | B (-9)  |
| 19 (1). | D (-1)  |
| 20 (1). | D (0)   |

Total points 20.