

Answer Key, Midterm #3 Practice Exam (Parts 1 and 2)

Physics 117a, Fall 2007

Part 1

1. C
2. A
3. A
4. C
5. A, B, C
6. C
7. A
8. A
9. C
10. (a) $T = 5073$ seconds
(b) $x(3600 \text{ secs}) = -1.60 \times 10^6 \text{ m}$ (minus sign means it is below the center of the earth)
(c) $v = 7902 \text{ m/s}$

Part 2

1. A
2. B
3. B
4. C
5. B