
**PHY 140Y – FOUNDATIONS OF PHYSICS
2001-2002
Problem Set #3 – Marking Scheme**

HANDED OUT: Friday, November 2, 2001 (in class).

DUE: 5:00 PM, Thursday, November 15, 2001 in the appropriate box, labeled by tutorial group, in the basement at the bottom of the stairs leading down from MP202.

LATE PENALTY: 5 marks/day (which also applies to weekend days!) until 1:00 PM, Monday, November 19, after which it will not be accepted as solutions will then be available in tutorials and on the WWW.

NOTES: Answer all questions. A selected subset (3-4) will be marked out of 100%. Marks will be given for workings and units, as well as for final answers.

QUESTIONS TO BE MARKED:

Four questions, each worth 25%, with partial marks assigned as follows.

4. (a) 10 marks
(b) 15 marks

5. (a) 2 marks
(b) 5 marks
(c) 6 marks
(d) 6 marks
(e) 6 marks

7. (a) 6 marks
(b) 8 marks
(c) 8 marks
(d) 3 marks

8. (a) 3 marks
(b) 3 marks
(c) 3 marks
(d) 3 marks
(e) 3 marks
(f) 3 marks
(g) 3 marks
(h) 4 marks