

PHY100 — Problem Set #6 — Oct. 20 2008

Problems from Hobson:

(C.Ex.=conceptual exercise; R.Q.=review question; P.=problem)

- 1) Chapter 2, C.Ex. 6, page 49
- 2) Chapter 2, C.Ex. 7, page 49
- 3) Chapter 2, C.Ex. 10, page 49 (use the Periodic Table)
- 4) Chapter 2, C.Ex. 12, page 49
- 5) Chapter 14, C.Ex. 2 & 3, page 350
- 6) Chapter 14, C.Ex. 5, page 350
- 7) Chapter 14, C.Ex. 8, page 350
- 8) Chapter 14, C.Ex. 16, page 350
- 9) Chapter 14, C.Ex. 21, page 350
- 10) Chapter 14, P. 1, page 351
- 11) Chapter 14, P. 2, page 351
- 12) What is quantum entanglement?