Answer Key – Multiple-Choice Test – Chapter 7 Background
Autar Kaw

1 – A – Area under the curve from a to b

2 – D - $\dfrac{\int_a^b f(x)dx}{(b-a)}$

3 – B – 11.807

4 – C – 2.7907

5 – C - $4\int_0^a \sqrt{a^2 - x^2}\,dx$

6 – D - $2\pi\int_0^a v(r)rdr$