Lecture Quiz	To Accompany: Numerical Integration
Landau, Pàez & Bordeianu,	Computational Physics, Wiley-VCH

- 1. What is the difference between a *definite* and an *indefinite* integral?
- 2. Can a *definite* or an *indefinite* integral be evaluated numerically?
- 3. Is it an approximation to say that "a definite integral over some interval is equal to the area under the curve of the integrand over that interval"?
- 4. What is the basic approximation made in the trapezoid integration rule?
- 5. For the same number of integration points, which do you expect to be more accurate, Simpson's rule or the trapezoid rule?
- 6. Instead of approximating an area, what is the basic approximation in Gaussian quadrature?