

## **November 2007 Analytical Chemistry Cumulative Exam**

Primary Examiner: Prof. Johnston

Secondary Examiner: Prof. Brown

The November cumulative exam in analytical chemistry will be on emerging atmospheric pressure ionization methods for condensed phase materials. The specific methods to be included are known as DART, DESI and ASAP. The cover story of the October 8, 2007 issue of *Chemical and Engineering News* highlights these (and other) methods. In preparation for the exam, you should 1) read the *C&EN* article (can be obtained at: <http://pubs.acs.org/cen/coverstory/85/8541cover.html>), 2) read the references cited in the article and 3) do some additional background reading as needed to get a feel for how these methods work and what they are good (or not so good) for. The exam will be given in-class on November 10. A copy of the *C&EN* article will be given to you at the exam. If specific information from other publication is needed, then I will give you copies of those publications. You also may find it helpful to bring a calculator. Any questions, contact Professor Johnston.